

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA

Lee County
Auburn

11 Unknown 0 0 1 0 Thunderstorm Wind

Strong wind knocked down a tree on Pinedale Drive in Auburn causing a power outage and closing the street for a short time.

Tuscaloosa County
Tuscaloosa

22 1525CST 0 3 4 0 Lightning

Lightning struck in the area of Bryant-Denny Stadium just a few minutes into the second quarter of the Ole Miss/Alabama football game resulting in minor injury to three people along the sidelines. An ABC cameraman operating from a television lift was shocked along with the driver of the ABC truck who was kept at the hospital for additional observation. An electrical charge also made its way into the headset of the Ole Miss linebacker coach burning his hip where the transmitter was clipped to his belt. The scoreboards at the stadium were damaged, and about 2,000 power customers were without power as a result of the lightning strikes in the area. Play in the football game was delayed for 26 minutes until the danger from lightning had passed.

ARIZONA

AZZ006
St. Johns

05 1404MST 0 0 0 0 High Winds

A strong low pressure system moved into Arizona, producing gusty winds over central and eastern parts of the state. A peak gust of 62 mph was recorded at St. Johns Airport.

Coconino County
25 SW Grand
Canyon Arpt
Pinal County
Apache Junction

14 1350MST 0 0 0 0 Funnel Cloud

15 1156MST 0 0 ? 0 Thunderstorm Winds (G54)

Shingles were blown off a roof.

Pima County
3 SE Ryan Field
AZZ002-005

15 1348MST 0 0 0 0 Thunderstorm Winds (G54)

15 0500MST-1700MST 0 0 0 0 Heavy Snow

AZZ006

15 1700MST-16 0500MST 0 0 0 0 Heavy Snow

The first significant snowfall of the year occurred when a strong low pressure system crossed northern Arizona between the morning of October 15 and the morning of the 17th. Snow accumulations at Flagstaff were 7 inches in 12 hours; South Rim of the Grand Canyon received 6 inches in 12 hours; Pinetop 5 inches in 12 hours; and McNary accumulated 8 inches over the course of the storm.

ARKANSAS

Union County

16 1400CST-1700CST 0 0 4 0 Flash Flood

Heavy rains caused flash flooding of several roads in the southern part of Union County.

Benton County
Bella Vista
Little River County
3 E Richmond

20 0040CST 0 0 0 0 Hail (0.88)

21 0620CST 0 0 3 0 Thunderstorm Winds

Thunderstorm winds downed several trees.

Red Bluff

21 0625CST 0 0 2 0 Thunderstorm Winds

Thunderstorm winds blew down a few trees.

Sevier County
DeQueen

21 0630CST 0 0 3 0 Lightning

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					Killed	Injured	Property - Crops	

ARKANSAS Cont'd

Lightning struck the county jail building in DeQueen and damaged some police radio equipment.

Miller County 3 S Doddridge	21	0715CST			0	0	3	0	Thunderstorm Winds
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Thunderstorm winds blew down several trees.

Lafayette County Kress City	21	0725CST			0	0	3	0	Thunderstorm Winds
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Thunderstorm winds blew down some trees.

Canfield	21	0725CST			0	0	3	0	Thunderstorm Winds
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Several trees were knocked down.

CALIFORNIA, Northern

None reported.

CALIFORNIA, Southern

CAZ019 Palmdale	04	Night			0	0	?	0	High Winds
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Strong winds generated by a vigorous low pressure system over southern California funneled through Soledad Canyon and uprooted trees and bounced cars in the city of Palmdale. One car was damaged when a large tree was blown on top of it. About 1,600 residents on the west end of town lost their electrical power for about 2 hours during the wind event.

Riverside County Pine Cove	13	1516PDT			0	0	0	0	Hail (1.00)
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A severe thunderstorm dropped dime- and quarter-size hail on the small town of Pine Cove.

COLORADO

Larimer County Buckhorn	01	1454MST			0	0	0	0	Hail (0.75)
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Boulder County Boulder	01	1512MST			0	0	?	0	Hail (1.50)
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Boulder	01	1525MST			0	0	?	0	Hail (1.00)
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Boulder (7NE)	01	1530MST			0	0	?	0	Hail (1.75)
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Niwot	01	1550MST			0	0	?	0	Hail (1.75)
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Jefferson County Arvada	01	1615MST			0	0	?	0	Hail (0.75)
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Jefferson County Wheat Ridge	01	1620MST			0	0	?	0	Hail (1.50)
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Edgewater	01	1625MST			0	0	?	0	Hail (1.50)
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Denver County Northwest Denver	01	1629MST			0	0	?	0	Hail (1.50)
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Denver County Capitol Hill	01	1629MST			0	0	?	0	Hail (1.50)
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Arapahoe County Buckley ANG Base	01	1700MST			0	0	?	0	Hail (1.00)
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Washington County Last Chance (2S)	01	1700MST			0	0	0	0	Hail (0.50)
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Hail of half inch diameter covered the ground four to six inches deep.

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COLORADO Cont'd								
Denver County Stapleton Airport	01	1701MST			0	0	?	0
								Hail (2.??)
Hail of unknown diameter damaged an aircraft and injured a pilot when hail broke the wind shield on takeoff.								
Arapahoe County Buckley ANG Base	01	1703MST			0	0	?	0
								Hail (2.00)
Adams County Bennett	01	1740MST			0	0	?	0
								Hail (1.00)
Arapahoe County Strasburg	01	1755MST			0	0	?	0
								Hail (1.00)
Morgan County Wiggins	01	1815MST			0	0	0	0
								Hail (0.50)
Hail covered ground one to two inches deep in and near Wiggins in western Morgan County.								
Thunderstorms containing heavy rain and large hail moved nor theastward off of the foothills and onto the plains. The counties of Adams, Arapahoe, Boulder, Denver, Larimer, Morgan, Washington and Weld were the most affected by the line of thunderstorms. Costly damage was sustained to homes and vehicles in the urban corridor area with only minor street flooding reported. Emergency claim teams from insurance companies were sent out due to the overwhelming number of claims. Total damage estimates from the hail storm was at \$174 million with \$96.5 million for homes and \$77.0 million for automobiles.								
Fremont County Penrose	01	2055MST			0	0	0	0
								Hail (0.88)
Pueblo County Pueblo (4W)	04	1529MST			0	0	0	0
								Hail (1.50)
Pueblo	04	1529MST- 1611MST			0	0	?	0
								Hail (0.75)
								Flash Flooding
Hail upto three quarter inch fell in the west Pueblo area. A few cars were partially submerged at a flooded underpass when 1.31 inches of rain fell over a portion of Pueblo. A few basements wer e flooded out as well.								
Baca County Springfield (15S)	04	1814MST- 1832MST			0	0	?	0
								Hail (2.50)
Tennis ball sized hail and heavy rain fell 15 miles south of Springfield. The heavy rain washed a few of the rural roads out.								
Boulder County Nederland	05	1500MST			0	0	?	0
								Lightning
Lightning was blamed for 2400 homes to go without power for a few hours in and around the town of Nederland. Strong winds of unknown strength were reported with the thunderstorms as well.								
Boulder County Lafayette	05	1544MST			0	0	0	0
								Thunderstorm Winds (G52)
Hail, up to a half inch, was associated with the thunderstorm.								
Pueblo County Pueblo	05	1605MST			0	0	0	0
								Hail (1.00)
Otero County Fowler	05	1605MST			0	0	0	0
								Hail (0.88)

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COLORADO Cont'd									
Elbert County Limon (12NW)	05	1703MST	1.0	25	0	0	0	0	Tornado (F0)
A tornado estimated to be 25 yards wide remained on the ground for five minutes in an open field.									
Lincoln County Limon (15N)	05	1718MST			0	0	0	0	Funnel Cloud
Adams County Strausburg (1N)	05	1719MST			0	0	?	0	Dry Microburst Winds (G43)
Dry microburst winds were blamed for a few downed power poles and subsequent power outages to only a few residences.									
Adams County Strasburg	05	1729MST			0	1	?	0	Dry Microburst Winds (G60)
Strong microburst winds caused an oil rig to topple over onto two vehicles and subsequently injuring one person.									
Morgan County Fort Morgan	05	1820MST			0	0	0	0	Dry Microburst Winds (G57)
Kit Carson County Vona	05	1930MST			0	0	?	?	Hail (0.75)
8 NE Seibert	05	1935MST	.2	50	0	0	?	?	Tornado (F1)
Tornado broke off power poles and tore tin roof of building.									
Kit Carson County 6 W Bethune	05	1950MST- 2000MST	6.3	100	0	0	?	?	Tornado (F2)
Tornado destroyed trailer home and quonset hut.									
Cheyenne County 4 N Cheyenne Wells	05	2030MST- 2035MST	.1	20	0	0	?	?	Tornado (F0)
A brief tornado was reported by the sheriff's office.									
Cheyenne County Arapahoe (17N)	05	2030MST			0	0	0	0	Funnel Cloud
3 W Cheyenne Wells	05	2038MST			0	0	?	?	Hail (0.75)
Kit Carson County 11 SE Burlington	05	2057MST- 2058MST	.1	20	0	0	?	?	Tornado (F0)
A brief tornado was reported by the sheriff's office.									
Cheyenne County Arapahoe	05	2125MST			0	0	?	?	Hail (0.75)
COZ035-036 Northern Foothills	06	0500MST- 0600MST			0	0	0	0	High Winds (G68)
Between 0500MST and 0600MST strong west to northwest winds developed along the northern foothills above 9500 feet. A wind gust to 68 knots was clocked at top Squaw Mountain in Clear Creek County along with a gust to 63 knots reported at Ward in western Boulder County.									
COZ048 Northeast Plains/ Logan County	06	0600MST			0	0	0	0	High Winds (G51)
High winds on the northern plains gusted to 51 knots at Padroni in central Logan County, 45 knots at Crook in northeast Logan County and 43 knots at Marino in southwest Logan County.									

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COLORADO Cont'd

COZ013-018-023-060-061-065 **14 2200MST-** **0 5 0 0** **Heavy Snow**
17 1000MST
Southwest, San Juan
Sangre De Cristo
Mountains

A slow moving and very moist storm system moved into southwest Colorado late on the 14th, during the early hunting season. The storm brought heavy snow and blusterly southwest winds 20 to 30 miles an hour mostly to locations above 9500 feet. Snowfall totals by the morning of the 17th were as high as 5 feet on south facing slopes above 11000 feet, with most of the mountains above 9000 feet receiving 1 to 3 feet of snow. Most of the snow from the storm fell during the 36 hour period from the 15th through the 16th. Two back country hikers were killed on Mount Belford in northern Chaffee County. The hikers were presumed killed by a self-triggered avalanche at 13,700 feet. Two hundred hunters became stranded during the storm and extensive rescue operations were conducted. Five lost hunters in Archuleta County sustained minor injuries from the inclement elements.

COZ036 **17 1730MST** **0 0 0 0** **High Winds (G74)**
Northern Mountains

Winds gusted to as high 74 knots at top Squaw Mountain five miles south of Idaho Springs in Clear Creek County.

COZ036 **27 0830MST-** **0 0 0 0** **High Winds (G61)**
Northern Mountains **0930MST**

Wind gusts over 61 knots were clocked at Rollinsville in northern Gilpin County and also at top Squaw Mountain five miles south of Idaho Springs in Clear Creek County.

COZ035 **28 1215MST** **0 0 0 0** **High Winds (G62)**
Northern Mountains

Winds gusted to 62 knots at Rustic (9WSW) located in western Larimer County.

CONNECTICUT

None reported.

DELAWARE

None reported.

FLORIDA

FLZ049-050-055-060-062 **02 0000EST-** **0 0 5 0** **Coastal Flood**
West-Central FL **2400EST**

FLZ010-018-026-034-039-042-048 **02 1600EST-** **0 0 6 ?** **Flood**
Northwest FL **04 1300EST** **Coastal Flood**

The remnants of tropical depression number 10 moved from the northeast Gulf of Mexico on October 1 across the Florida Panhandle and into Georgia on October 2. High winds produced rough seas along the west central and northwest Florida coasts causing minor tidal flooding and beach erosion. A total of 18 persons had to be rescued from sinking boats in the northeast Gulf of Mexico. Heavy rains in the Florida Big Bend and Panhandle accompanied the system causing extensive flooding to roadways, creeks and low lying areas and minor flooding of rivers. Damage estimates to roadways was more than \$1 million. Flooding was slow to recede in Leon, Wakulla and Hernando Counties where homes and roadways remained flooded through the October 15.

Franklin County **02 1345EST** **Short ?** **0 0 0 0** **Waterspout/**
St. George **Tornado (F0)**
Island
45 SW TLH

A waterspout moved ashore near St. George Plantation.

FLORIDA Cont'd

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Franklin County St. George Island 55 SW TLH	02	1400EST			0	0	0	0	Thunderstorm Wind (G51)
A wind gust of 59 mph was reported on the causeway to St. George Island.									
Leon County Tallahassee TLH	02	1423EST			0	0	0	0	Thunderstorm Wind (G50)
Thunderstorm wind gust of 58 mph was measured at Tallahassee Airport.									
Taylor County Shady Grove 42 E TLH	02	1444EST- 1446EST	2.0	150	0	2	4	0	Tornado (F1)
A tornado blew down trees and heavily damaged a mobile home. A family took refuge under a mattress but one child was severely injured.									
Leon County SE Portion	02	1500EST			0	0	2	2	Thunderstorm Wind
Numerous tree limbs and power lines were blown down across southern and eastern parts of Leon County.									
Madison County	02	1530EST			0	0	2	0	Thunderstorm Wind
Several trees were blown down in areas across the county.									
Levy County S of Chiefland 40 WSW GNV	02	1600EST			0	0	2	0	Thunderstorm Wind
Thunderstorm wind downed some trees and power lines.									
Taylor County 1 S Lake Bird 45 E TLH	02	1650EST	.5	100	0	0	2	0	Tornado (F0)
A tornado snapped numerous pine and hardwood trees as it crossed Highway 221 and adjacent railroad tracks.									
Bradford County E of Lawtey 20 SW NIP	02	1740EST			0	0	0	0	Funnel Cloud
A funnel cloud was reported.									
Nassau County Callahan 6 WNW JAX Yulee 6 NNE JAX	02	2150EST	Short		0	0	5	0	Tornado (F1) Thunderstorm Wind
A tornado ripped the roof covering off of a house and damaged 5 other homes near Callahan as well as downing trees. A severe thunderstorm downdraft in Yulee blew down trees which caused damage to a house and destroyed a shed.									
Orange County Orlando	03	0950EST			0	6	0	0	Lightning
Six workers were hospitalized after being struck by lightning at a highrise building construction site. Only one of the six sustained serious injuries.									
Monroe County Sombrero Key 2 SE MTH	04	1645EST			0	0	0	0	Waterspout
A waterspout was reported near Sombrero Key.									
Monroe County Key West 1 S EYW	04	1735EST			0	0	0	0	Waterspout
Several waterspouts were sighted just south of Key West.									

FLORIDA Cont'd

Monroe County

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5 S Tavernier 40 ENE MTH	07	0835EST			0	0	0	0	Waterspout
A waterspout was reported by the sheriff's department 5 miles south of Tavernier.									
Dade County 1 E Coral Gables 9 SSE MIA	08	0636EST			0	0	0	0	Waterspout
A waterspout was sighted in Biscayne Bay just east of Coral Gables.									
Dade County Eliot Key 20 SSE MIA	08	0845EST			0	0	0	0	Waterspout
A waterspout was observed by Coast Guard personnel at Sand Cut near the north end of Eliot Key.									
Monroe County Key West 3 N EYW	08	0947EST			0	0	0	0	Waterspout
A waterspout was observed 3 miles north of Key West International Airport.									
Monroe County 3 ESE Duck Key 15 E MTH	08	1147EST			0	0	0	0	Waterspout
A waterspout was reported by Monroe County Emergency Management 3 miles east southeast of Duck Key.									
Dade County 2 E Coral Gables 10 SSE MIA	08	1810EST			0	0	0	0	Waterspout
A waterspout was observed over Biscayne Bay about 2 miles east of Coral Gables.									
Dade County Miami Beach 12 E MIA	09	0755EST			0	0	0	0	Waterspout
A waterspout was sighted just offshore 20th street on Miami Beach.									
Dade County 8 E Key Biscayne 17 SE MIA	09	0910EST			0	0	0	0	Waterspout
A waterspout was sighted in the Atlantic about 8 miles offshore Key Biscayne.									
Lee County 6 E Lehigh Acres 18E FMY	10	1415EST			0	0	0	0	Funnel Cloud
The public reported several funnel clouds 6 miles southeast of Lehigh Acres near the Hendry County line.									
FLZ021>025-029>033- 036>038-041-047- Northeast Florida	11 12	0600EST- 2200EST			0 0	0 0	5 3	0 0	Flood Coastal Flood
Heavy rains across much of northeast florida caused widespread flooding of roadways and vehicles and minor flooding of schools, businesses and residences. Strong onshore winds caused significant beach erosion and minor coastal flooding along portions of the northeast coast.									
Pinellas County Belleair Beach 20 W TPA	11	1330EST			0	0	0	0	Waterspout
A waterspout was sighted 2 miles offshore Belleair Beach.									
Dade County 2 S Key Biscayne 13 SSE MIA	11	1730EST			0	0	0	0	Waterspout
A waterspout was sighted in Biscayne Bay near Stiltsville, south of Key Biscayne.									
FLORIDA Cont'd									
Monroe County Key West	11	1625EST			0	0	0	0	Waterspout

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5 W EYW								
	A waterspout was sighted 5 miles west of Key West International Airport.							
Broward County Coral Springs 15 NNW FLL	11	1530EST			0	3	0	0
	Lightning Three female students, ages 11, 12, and 13, were injured by lightning. The three had just gotten off of a school bus and were walking home during heavy rain under a single umbrella when lightning struck a nearby tree. Two of the females were hospitalized overnight.							
Monroe County Key Colony Beach 1S E MTH	12	1330EST			0	0	0	0
	Waterspout A waterspout was reported just east of Key Colony Beach.							
Pinellas County Tarpon Springs 20 NW TPA	12	1502EST			0	1	0	0
	Lightning Lightning struck a business and injured a 24-year-old male who was inside.							
Monroe County Key West 5 SE EYW	13	0820EST			0	0	0	0
	Waterspout A waterspout was sighted 5 miles southeast of Key West International Airport.							
Sarasota County Sarasota	13	1045EST	Short	?	0	0	4	0
	Tornado (F0) Hail (0.75) A tornado touched down near Interstate 75 and Clark Road and moved a short distance northeast. The tornado tore the roof off of a truck, downed trees and power lines, and tore the roof off of a building under construction near Sarasota Square Mall. Dime-size hail was also reported.							
Dade County Kendall 9 S MIA	13	1611EST			0	0	0	0
	Lightning A male was struck by lightning and hospitalized while working at a home construction site at SW 124 Street and 72 Avenue.							
Volusia County Daytona Beach Shores 2 E DAB	13	1825EST			0	2	0	0
	Rip Current A 36-year-old woman and her 14-year-old daughter were hospitalized with water ingestion and severe exhaustion after being caught in a rip current caused by strong northeast winds. The two tourists were swimming in the 3100 block of South Atlantic Avenue when they were rescued by county beach rangers.							
St. Johns County Crescent Beach 50 N DAB	14	1400EST			1	0	0	0
	Rip Current A 29-year-old male tourist drowned after being caught in a rip current about 0.25 mile south of Crescent Beach beach ramp. The rip current was caused by strong northeast winds. M29O.							
Monroe County Key West 5 WNW EYW	14	1020EST			0	0	0	0
	Waterspout A waterspout was sighted 5 miles west northwest of Key West International Airport.							
Monroe County Key West 5 E EYW	14	1438EST			0	0	0	0
	Waterspout A waterspout was sighted 5 miles east of Key West International Airport.							
FLORIDA Cont'd								
Palm Beach County Boynton Beach	16	0945EST			0	4	0	0
	High Wind							

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10 SSE PBI									
									Northeast winds of 40 mph caused a boat, exiting at Boynton Inlet, to capsize injuring the three males on board. A male surfer was thrown against the rocks on the north jetty of Boynton Inlet.
Pinellas County Madeira Beach 20 SW TPA	26	1318EST			0	2	0	0	Lightning
									Two middle school students were slightly injured by a nearby lightning strike while standing outside their school.
Pinellas County Pinellas Park 12 SW TPA	26	1325EST			0	1	0	0	Lightning
									A 50-year-old male was struck and slightly injured by a lightning strike in Pinellas Park.
Dade County Sweetwater 6 WSW MIA	26	1330EST			0	0	0	0	Funnel Cloud
									Several funnel clouds were reported just west of the Sweetwater-Westchester area in Dade County.
St. Lucie County Hutchinson Island 30 SSE VRB	26	1320EST			0	0	4	0	Lightning
									Lightning struck a switchyard at St. Lucie nuclear power plant on Hutchinson Island. The strike caused a small fire and damaged a transformer.
Dade County 25 E Miami Beach 40 E MIA	27	1200EST			0	0	0	0	Waterspout
									A pilot reported nine waterspouts in the Atlantic about 13 miles west of the northern Bimini Islands.
Brevard County Palm Bay 4 SSE MLB	28	0850EST	Short	20	0	0	3	0	Tornado (F0)
									An intense rain shower produced a small F0 tornado in Palm Bay as it moved inland from the Atlantic. The tornado remained on the ground only a few blocks. It destroyed a wooden carport, uprooted a few trees and damaged awnings, fences and outdoor furniture.
Monroe County Layton 20 ENE MTH	29	0844EST	Short	?	0	0	0	0	Waterspout/ Tornado (F0)
									Sheriff's department reported a waterspout moved ashore near Layton on Long Key. The waterspout dissipated near the shore line and caused no casualties or damage.
Alachua County Archer 16 WSW GNV	29	1715EST			0	0	3	0	Thunderstorm Wind
									Thunderstorm winds damaged a water pumping station near Archer.
Osceola County Kissimmee 42 WNW MLB	29	1810EST			0	0	0	0	Hail (1.00)
									Police reported one-inch hail.
Hernando County 40 N TPA	29	1839EST			0	1	2	0	Thunderstorm Wind
									Thunderstorm winds tore shingles off of a roof and caused a minor injury, 5 miles north of SR 50 on US 19.
Levy County SE Williston 25 SSW GNV FLORIDA Cont'd	30	1135EST	Short	?	0	0	3	0	Tornado (F0)

A brief tornado damaged trailer roofs and tore apart porches. Trees were blown down, damaging 8 cars, and power lines were downed.

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Alachua County Micanopy 16 S GNV	30	1200EST- 1215EST	5.0	20	0	0	0	0	Tornado (F0)
A tornado was filmed skipping from just southwest of Micanopy east to near Orange Lake. The tornado caused no known casualties or damage.									
Sumter County Okahumpka 65 S GNV	30	1342EST			0	0	2	0	Thunderstorm Wind
Thunderstorm winds blew down power lines at the Okahumpka Service Plaza along the Florida Turnpike.									
Hillsborough County Brandon 12 E TPA	30	1420EST			0	0	4	0	Thunderstorm Wind
Severe thunderstorm winds blew down a wall under construction and also blew down several trees.									
St. Lucie County Countywide Ft. Pierce 12 SSE VRB	30 30	1710EST 1730EST			0 0	0 0	0 0	0 0	Hail (1.75) Hail (1.00) Thunderstorm Wind (G60)
Golf-ball size hail fell in Ft. Pierce. Some cars were dented. The Coast Guard at Ft. Pierce inlet reported a wind gust to 60 knots.									
Dade County Miami	31	0400EST- 1100EST			0	0	4	0	Urban Flood
Excessively heavy rains occurred causing street flooding and some residential flooding in many portions of Miami metropolitan area.									
GEORGIA Grady, Decatur, Thomas, and Lowndes Counties	02 03	1400EST- 1000EST			0	0	4	3	Flood
More than six inches of rain from remnants of Tropical Depression Ten produced 2-3 feet of water on roadways, especially in Valdosta. Floodwater covered U.S. Highway 84 between Grady and Thomas County line, U.S. Highway 27 from Attapulgus to the Florida line, U.S. Highway 84 between Whigham and Climax, Georgia Highway 3, Georgia Highway 111 between Calvary and the Florida line, Georgia Highway 262 between Willingham and Climax on the afternoon of the second. Georgia Highway 111 and U.S. Highway 84 between Whigham and Climax were opened by morning on the third and the rest opened by that afternoon.									
Thomas County Thomasville	02	1540EST			0	0	3	0	Thunderstorm Wind
A sheriff reported numerous tree limbs and power lines were downed.									
Lowndes County Dasher Valdosta	02	1600EST			0	0	5	2	Thunderstorm Wind
A trailer was overturned, and numerous power lines were reported downed between Valdosta and Dasher along Georgia Highway 7.									
Mitchell and Colquitt Counties	02 03	1600EST- 1400EST			0	0	4	4	Flood
Heavy rain caused apartments to lose power along Georgia Highway 112 in Camilla and numerous roads to close in both counties.									

GEORGIA Cont'd

In Moultrie, heavy rain, 4.85 inches were recorded between 7AM on the second and 7AM on the third, damaged 8 roads city-wide. At least one resident had to be evacuated as the flooding began in the afternoon.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Clinch County	02	1700EST- 2200EST			0	0	0	0	Flash Flood
Thunderstorms produced between 3-5 inches of rain county-wide in 24 hours on the second. These rains closed numerous roads in the canal area of Homerville.									
Ware County 2 NE Waresboro	02	1730EST			0	0	0	2	Hail (0.75)
Ware County EMA reported hail over the extreme western portion of the county.									
Worth County	02 03	1800EST- 1000EST			0	0	5	3	Flood
Remnants of Tropical Depression Ten produced 24 hour rainfall totals of 8-11 inches of rain county-wide. Officially, 73 roads were either closed or damaged. Damage was estimated at \$282,330.									
Dougherty and Lee Counties	02	1900EST- 2100EST			0	0	3	0	Flash Flood
Twelve people were evacuated before 8 PM EST as rains associated with the remnants of Tropical Depression Ten overwhelmed drainage systems. According to the Albany assistant manager, the Flint River was not near flood stage. In Lee County several dirt roads were washed out.									
Chatham County	02	1900EST- 2100EST			0	0	4	0	Flash Flood
The Baker Street area of Savannah had to be evacuated after water inundated several residences. Little or no damage was reported elsewhere in the county.									
Effingham County GA Highway 30	02 03	2000EST- 1800EST			0	0	3	3	Flood
Heavy rains associated with remnants of Tropical Depression Ten brought 5-6 inches of rain on both the first and second. Roads were closed overnight on the second and third, most were reopened by the fourth.									
Bulloch County	02	2000EST- 2200EST			0	0	3	2	Flash Flood
Remnants of Tropical Depression Ten brought 4-9 inches of rain on the second (daily totals) to the southeast corner of the county. Areas near ponds and culverts which were blocked by both beavers dams and accumulated debris became flooded.									
Tift County	02 03	2000EST- 0000EST			0	0	6	0	Flash Flood
South Park and South Ridge Avenue areas of Tift on flooded after 7 inches of rain fell in a few hours. Waist high water forced evacuations to begin around 9:00 PM on the second and continued through 2:00 AM on the third.									
Tift County Tifton	02	2000EST			0	0	2	0	Thunderstorm Wind
Thunderstorm winds knocked down trees and broke power line poles.									
Chatham County	02 03	2100EST- 1700EST			0	0	4	0	Flood
The Baker Street area remained closed due to flooding from the remnants of Tropical Depression Ten through the third.									
Bulloch County	02 03	2200EST- 1800EST			0	0	3	4	Flood

GEORGIA Cont'd

Remnants of Tropical Depression Ten produced 4.1 inches of rain between noon on the second and noon on the third.

Camden County

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
St. Mary	02	2201EST	.25	300	0	1	6	0	Tornado (F2)
The tornado touched down at Bartlett and St. Mary's Streets. Evidence of damage was found along Wheeler St., Norris St., and New Point Peter Rd. before the tornado lifted by the Cypress Lake s Subdivision. Eighty homes were caught in the path of the tornado as it moved northeast. Ten o f these homes, mostly one-story wood, were destroyed. Five trailer homes were also toppled. One female suffered two sprained ankles when the tornado destroyed her home.									
Tift County	03	0000EST- 1200EST			0	0	6	0	Flood
More than 70 people in Tifton remained evacuated from their homes through the third. The first floor of a Ramada Inn was inundated with water, which forced occupants to be evacuated. The Ramada Inn sustained more than \$750,000, and city-wide estimates were approximately \$1.1 million.									
Camden County	11	0815EST- 1300EST			0	0	1	1	Flood
The Mission Trace subdivision in St. Mary became flooded when heavy rainfall became too much for drainage systems to handle.									
Camden County	12	0500EST- 1700EST			0	0	3	0	Flood
Heavy rains fell on the eleventh and twelfth. Numerous homes became flooded, and several roads were closed in St Mary. Among the roads closed were Colerain Rd, Spur 40, N. River Causeway. Georgia Highway 40 was closed and opened periodically throughout the twelfth.									
Appling, Brantly, Pierce, Ware, and Wayne Counties	12	0755EST- 2200EST			0	0	3	4	Flood
Six inches of rain fell between the eleventh and thirteenth which caused the Satilla River to pass its flood stage at 0755 EST on the twelfth. The roads surrounding the Satilla River flooded in al l counties. No residence flooding occurred.									
Chatham County	12	1400EST- 2330EST			0	0	6	3	Flash Flood
Low-lying intersections and neighborhoods experienced flash floods when 7-14 inches of rain fell between midnight on the twelfth and 5 AM on the thirteenth. Road closings began around 1255 EST in Chatham County and more than 110 roads were closed county-wide.									
Baker Street area in Savannah began evacuating res idents early in the afternoon. Heavy rains flooded the transmitter site of station WIZA-AM 1450 on Gwinnet Street in Savannah and interrupted radio transmissions at 1500 EST.									
In Bloomingdale, more than eighty people were evacuated throughout the afternoon as water quickly flooded their homes.									
Richmond County 30 S Augusta	12	1416EST- 1615EST			0	0	2	0	Flood
During the morning and into the afternoon moderate to heavy rain had been falling continuously at Bush feild in Augusta. Daily rainfall totals as of 1300 EST at Bush Feild Airport was 1.65 inches.									
Evans and Liberty Counties	12 13	1700EST- 0600EST			0	0	5	4	Flood
In Liberty County, 19 roads were damaged after 9 inches of rain fell between the eleventh and thirteenth. Four roads were washed out completely.									
In Evans County, several roads were washed out. Burst sewer pipes led to residence flooding in the Daisy area.									
GEORGIA Cont'd									
McDuffie County Clark Hills Lake	12	1900EST- 2300EST			0	0	3	0	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property	Crops	Character of Storm
					Killed	Injured			
<p>Four inches of rain combined with gusty winds to produce waves which caused \$1000 of damage to boats at the Raysville Marina.</p>									
Effingham County	12 13	1940EST- 0700EST			0	0	5	0	Flash Flood
<p>Fifty streets and roads were closed and damaged when private pond dams burst in the area of Georgia Highway 30 and Stillwell Avenue.</p>									
Bryan County	12 13	2035EST- 0700EST			0	0	2	0	Flood
<p>Ham radio operators reported flooding in Richmond Hill with numerous roads underwater including Georgia Highway 144 eastbound.</p>									
Bulloch County	12 13	2235EST- 0600EST			0	0	0	4	Flood
<p>Georgia Southern University reported 4.4 inches of rain fell between the eleventh and thirteenth which flooded low-lying areas. A \$13 million cotton crop which had not been harvested yet suffered as a result of "lints" being washed off due to the water. Exactly how much damage was done to the crop could not be immediately ascertained.</p>									
Floyd County	22	1800EST			0	0	0	0	Flash Flood
<p>Two puppies drowned when an Old Rockmart Road home in Rome was surrounded by water after 1-3 inches of rain fell on the twenty-second. Water did not make it inside the home.</p>									
IDAHO									
Teton County	03	1000MST			0	0	0	0	Heavy Snow
<p>Two to four inches of snow was reported at Driggs and Rubins Creek</p>									
IDZ001	05	0400MST			0	0	0	0	Dense Fog
<p>Fog reduces visibilities below 0.25 mile in Ada, Elmore and Owyhee Counties.</p>									
Power County	05	0700MST			0	0	4	0	Lightning
<p>A Rockland Valley home is struck by lightning from an early morning thunderstorm.</p>									
Twin Falls County	11	1730MST			0	0	0	0	Hail
<p>Pea-size hail accumulates 2 inches deep, 3 miles east of Rogerson.</p>									
Kootenai County	20	2230MST			0	0	5	0	Thunderstorm Winds
<p>Strong winds from thunderstorms knock down 50-foot high trees, damaging power poles and law enforcement vehicles.</p>									
ILLINOIS									
<p>None reported.</p>									
INDIANA									
Johnson Co. 11.5 SE Indianapolis	31	1937EST	.1	50	0	0	150K	0	Tornado (F0)
<p>Narrow, short path tornado blew down the west wall and blew off the roof of a large barn. Roof debris was carried over 50 foot tall trees and deposited 200 yards northeast. The flying debris crashed through a nearby house roof and also totalled a pickup truck in the driveway at that house. Trees adjacent to the barn were blown down or partially sheared off above ground level. Outbuilding near the barn was lifted off its anchored foundation, turned 90 degrees and deposited</p>									
INDIANA Cont'd									
<p>intact 10 feet from its foundation.</p>									
Shelby Co. 14.5 SE Indianapolis	31	1945EST			0	0	75K	0	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

October 1994

October 1994										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm	
Downburst winds 3 miles southeast of the Johnson County tornado blew down half of a 50 yard long hog barn that was under construction. One hog was killed.										
IOWA										
Monona County Moorhead	06	1623 CST			0	0	3k	1k	Hail (0.75)	
Winnebago County Thompson	06	1630 CST			0	0	5k	250	Thunderstorm (G50+)	Winds
Hancock County Britt	06	1630 CST			0	0	5k	1k	Thunderstorm (G50+)	Winds
Monona County Soldier	06	1632 CST			0	0	3k	1k	Hail (0.75)	
Ute	06	1637 CST			0	0	50k	10k	Hail (2.75)	
Soldier	06	1638 CST			0	0	3k	1k	Hail (1.00)	
Crawford County 5W Charter Oak	06	1646 CST			0	0	3k	1k	Hail (0.88)	
3NW Charter Oak	06	1646 CST			0	0	3k	3k	Hail (0.88)	
Monona County 1E Soldier	06	1649 CST			0	0	20k	5k	Hail (2.75)	
Crawford County 6SW Dow City	06	1717 CST			0	0	20k	15k	Hail (1.75)	
10SW Dow City	06	1717 CST			0	0	10k	15k	Hail (1.75)	
Shelby County Portsmouth	06	1740 CST			0	0	15k	5k	Hail (1.75)	
Shelby County 1S Earling	06	1802 CST			0	0	10k	5k	Hail (1.75)	
Crawford County 4SSE Buck Grove	06	1805 CST			0	0	3k	1k	Hail (1.00)	
Shelby County 31/2SE Defiance	06	1806 CST			0	0	0	0	Funnel Cloud	
Shelby and Crawford Counties 3S Manilla to 1S Manilla	06	1814 to 1817 CST	2.0	30	0	0	500	3k	Tornado (F1)	
Crawford County Manilla	06	1817 CST			0	0	0	0	Funnel Cloud	
Carroll County 2W Arcadia	06	1832 CST			0	0	1k	3k	Hail (0.75)	
Calhoun County 31/2N Lake City	06	1900 CST			0	0	2k	1k	Hail (0.75)	
Webster County Gowrie	06	2033 CST			0	0	25k	1k	Thunderstorm (G50+)	Winds
Lanyon	06	2038 CST			0	0	2k	50	Thunderstorm	Winds (G52)
Fort Dodge Arpt	06	2039 CST			0	0	5k	50	Thunderstorm	Winds (G50)
Boone County 3N Ogden	06	2058 CST			0	0	50k	1k	Thunderstorm (G50+)	Winds
2W Pilot Mound	06	2100 CST			0	0	50k	1k	Thunderstorm (G50+)	Winds

IOWA Cont'd

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Wright County Clarion	06	2101 CST			0	0	2k	50	Thunderstorm Winds (G50+)
Boone County Boone	06	2105 CST			0	0	5k	50	Thunderstorm Winds (G50)
Winnebago County Forest City	06	2123 CST			0	0	5k	50	Thunderstorm Winds (G50+)
Lake Mills	06	2135 CST			0	0	2k	50	Thunderstorm Winds (G50)
Mitchell County Stacyville	06	2225 CST			0	0	25k	250	Thunderstorm Winds (G50+)

The seasons first strongly dynamic weather system moved through the central U.S. The surface low formed over the Rockies and advanced across the plains into South Dakota by the late afternoon hours of the 6th. A cold front arched southeast and south of the low across central South Dakota into eastern Nebraska during the late afternoon hours. During the afternoon hours, the middle level dry slot raced north across Kansas, eastern Nebraska, into South Dakota. The surface showed a n unstable weather situation. To the east of the cold front, which was actually more a dry line than a cold front, temperatures reached the upper 70s to lower 80s, with dew point temperatures in the lower to middle 60s. Dew point temperatures briefly reach 70 at a few locations during the early evening hours. Behind the dry line, dew point temperatures dropped to the upper 30s and 40s, with a few upper 20s in under the core of the dry slot. Directional shear was weak, however a strong speed shear existed. Lifted indices were around -5°C with a nearly 80 kt wind speed in the middle levels. Helicity values increased to around $350\text{ M}^2/\text{S}^2$ in the pre-storm environment. A line of thunderstorms fired up during the mid to late afternoon hours. The storms quickly became severe as they moved into western Iowa. The hardest hit area was the west central counties where many areas were pelted with large hail. Monona and Crawford Counties were especially hard hit as a series of severe storms moved northeast along the main line of storms. There were numerous reports of golf ball size hail. One storm produced baseball size hail as it passed over the Ute area of Monona County. Baseball size hail also fell a short time later east of Soldier. WSR-88D radar VIL values with this storm were in the $60\text{--}65\text{ Kg/M}^2$ range with the storm. A deep meso circulation was detected over northern Shelby and southern Crawford Counties with one of the storms. A tornado warning was issued. A funnel cloud was reported east of Defiance in Shelby County. It became a tornado briefly south of Manilla near the Shelby/Crawford County line. It passed through fields, causing some crop damage. The tornado dissipated with only a funnel cloud remaining as it passed over Manilla. A short time earlier, these storms produced golf ball size hail southeast of Earling in Shelby County. One farmstead reported 5 windows being broken out by the hail. Siding on the house was also damaged. The storms weakened as they moved east during the early evening. As the line advanced, a weak bow echo formed along the line. This bow echo produced gusty winds of 55 to 60 MPH as it passed over Webster, Boone, Wright, and Winnebago Counties. Damage was minor, however many trees were downed. The roof of one building was blown off and strewn across a field near Gowrie in Webster County. Part of a roof was torn off of a shed at Forest City in Winnebago County. The roof was removed from another farm building on a farmstead near Stacyville in Mitchell County. Damage was also reported west of Pilot Mound and north of Ogden in Boone County. High winds destroyed a 60 X 100 foot farm building on a farm north of Ogden. Damage on that farm was close to \$50,000. The storms continued east but weakened slightly. Winds of 40 to 55 MPH were common, however the storms remained below severe levels through the rest of the night.

KANSAS

Shawnee County
5 NE Auburn

02 1830CST **0 0 5K 0** **Lightning**

Lightning struck a home near Lake Sherwood, igniting a fire that caused about \$5000.00 damage...mainly to the roof.

Ellsworth County
Ellsworth

02 2100CST **0 0 ? 0** **Urban Flooding**

Five inches of rain fell in and around Ellsworth flooding a schools. The flooding was caused by a clogged street drain.

KANSAS Cont'd

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Neosho County									
Erie	03	2000CST			0	0	?	0	Lightning
			Lightning struck a tree and started a house fire.						
Sherman County									
5N Kanorado	05	2202CST			0	0	0	0	Hail (0.75)
Wallace County									
3SW Weskan	05	2230CST			0	0	0	0	Hail (1.75)
			Golfball hail broke windows in garage.						
Dickinson County									
3 W Abilene	06	1757CST			0	0	0	0	Hail (0.75)
Riley County									
May Day	06	1820CST			0	0	0	0	Hail (0.75)
Riley County									
Ft. Riley	06	1935CST			0	0	0	0	Hail (1.00)
Geary County									
Ogden	06	1940CST			0	0	0	0	Hail (0.75)
Pottawatomie County									
5 S Westmoreland	06	2015CST			0	0	0	0	Thunderstorm Winds (G55)
Rice County									
Bushton	17	1623CST			0	0	0	0	Hail (0.75)
			Dime-size hail fell near Bushton, 20 miles northeast of Great Bend.						
Sedgwick County									
Haysville	21	0218CST			0	0	0	0	Thunderstorm Winds (G56)
			A weather spotter estimated 65 mph winds in Haysville.						
KENTUCKY									
Knott County									
Hindman	20	1445EST			?	?	?	?	Hail (1.75)
Letcher County									
Jenkins	20	1515est			?	?	?	?	Hail (1.75)
LOUISIANA									
Southeast Louisiana									
LAZ067-070	01	1200CST-							
	03	1200CST			0	0	?	?	Coastal Flooding
			A tropical depression moving northeast across the north Gulf of Mexico caused tides about 3 feet above normal along the coastal areas of extreme southeast Louisiana. Water covered a portion of Louisiana Highway 1 near Grand Isle on October 1st and 2nd, and minor damage to roads and ramps was reported on Grand Isle because of high tides. Coastal flooding across the remainder of southeast Louisiana was confined to low lying areas near the coast, and outside of protection levees.						
Rapides Parish									
Alexandria	18	1700CST-							
		2200CST	0	0	?	?	Urban Flooding		
			Heavy rainfall of 3.00 to 5.00 inches across the greater Alexandria area produced widespread flooding of streets and highway underpasses.						
W Carroll Parish									
Darnell	20	1415CST			0	0	?	?	Hail(1.00)
E Carroll Parish									
4 W Transylvania	20	1420CST			0	0	?	?	Thunderstorm Wind (G50)
Richland Parish									
Delhi	20	1425CST			0	0	?	?	Thunderstorm Wind

LOUISIANA Cont'd

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Madison Parish									
10 W Tallulah	20	1500CST			0	0	?	?	Thunderstorm Wind
Afton	20	1540CST			0	0	?	?	Thunderstorm Wind
Tensas Parish									
Newlight	20	1610CST			0	0	?	?	Thunderstorm Wind
Avoyless Parish									
Marksville	21	0200CST			0	0	1.0M	?	Lightning
Caddo Parish									
1 W Dixie	21	0740CST			0	0	?	?	Hail (0.75)
Bossier Parish									
4 N Benton	21	0740CST			0	0	?	?	Hail (0.75)

Thunderstorms, a few severe, moved across north Louisiana producing several reports of damaging winds and hail. Wind gusts to 55 mph were reported near Transylvania and wind gusts of 50 to 60 mph were estimated at Newlight. The wind damage reported was confined to downed trees and power lines. In Marksville, a farm implement store was destroyed by fire, with fire inspectors suspecting a lightning strike as the probable cause. The damage from the fire was estimated at \$1 million.

Vernon Parish									
Hornbeck	21	2310CST			0	0	?	?	Thunderstorm Wind
LaSalle Parish									
Jena	21	2305CST			0	0	?	?	Thunderstorm Wind
Vernon Parish									
Pitkin	21	2350CST			0	0	?	?	Thunderstorm Wind
Allen Parish									
Elizabeth	22	0000CST			0	0	?	?	Thunderstorm Wind
Beauregard Parish									
Dry Creek	22	0010CST			0	0	?	?	Thunderstorm Wind
Rapides Parish									
Tioga	22	0030CST			0	0	?	?	Thunderstorm Wind
Calcasieu Parish									
Moss Bluff	22	0115CST			0	0	?	?	Thunderstorm Wind

Thunderstorms moving across southwest and south central Louisiana caused wind damage in a few locations, primarily to downed trees and power lines.

MAINE

None reported.

MARYLAND

Anne Arundel County									
Riviera Beach	01	1900EST			0	0	3	0	Thunderstorm Wind

Thunderstorm winds blew the siding off a house.

DISTRICT OF COLUMBIA

None reported.

MASSACHUSETTS

None reported.

MICHIGAN

MIZ076									
Southeast Lower	01	0800EST							
	01	2100EST			0	0	0	0	Flood

Thunderstorms dumped from 1.5 to 2 inches of rain over the heavily urbanized Middle Rouge River basin Friday night and early Saturday morning. The Middle Rouge River near Garden City,

MICHIGAN Cont'd

Michigan, with a flood stage of 7 feet went above flood stage on the 1st, at approximately 8 AM, crested the same day at 1 PM near 7.5 feet, and fell below flood stage by 9 PM that evening. No

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

damages were reported with this event, however, Edward Hines Parkway which is located in the flood plain and parallels the river was temporarily closed.

MINNESOTA

Waseca County Waseca	06	1601CST			0	0	0	0	Thunderstorm Winds (G58)
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Lincoln County 4N-6NE Ivanhoe	06	1710CST 1725CST	3.0	50	0	0	?	?	Tornado (F0)
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A small tornado skipped along a path north of Ivanhoe damaging crops in several area fields.

Ivanhoe	06	1715CST			0	0	?	?	Thunderstorm Winds
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Strong thunderstorm winds tipped a trailer and tore shingles from a roof near Ivanhoe.

Traverse County 5E-9E Browns Valley	06	1720CST 1735CST	3.0	50	0	0	?	?	Tornado (F0)
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A small tornado traveled along an intermittent path east of Browns Valley damaging several buildings on a local farmstead.

Mower County Adams	06	2225CST			0	0	?	?	Thunderstorm Winds
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Strong thunderstorm winds destroyed a storage building and damaged several grain bins.

MISSISSIPPI

Warren County Eagle Lake	20	1521CST			0	0	0	0	Hail (0.75)
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Leake County Lena	20	1600CST			0	0	0	0	Hail (0.75)
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Scott County 4 SW Sebastopol	20	1655CST			0	0	0	0	Hail (0.75)
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Newton County 1 N Hickory	20	1739CST			0	0	2	0	Thunderstorm Wind
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Several trees were blown down.

Lauderdale County 10 N Meridian	20	1758CST			0	0	2	0	Thunderstorm Wind
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Several trees were blown down.

Hinds County Jackson	20	1810CST			0	0	5	0	Flash Flooding
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Numerous streets were flooded across the city of Jackson. Water got into several houses.

MISSOURI

McDonald County Noel	20	0015CST			0	0	0	0	Hail (1.00)
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Noel	20	0036CST			0	0	.5K	0	Hail (1.00)
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McDonald county sheriff reported hail 3 inches deep in places.

MONTANA

MTZ001	01	1700MST			0	0	1	0	High Winds
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A tree was blown across power lines, causing a power outage in the Bigfork Area.

MTZ001-003-004 Mountains	02 03	0000MST- 2400MST			0	0	0	0	Heavy Snow
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MONTANA Cont'd

Widespread reports of 6 to 12 inches of snow. Local drifting in Glacier Park created 4-foot drifts and closed the Going to the Sun Highway.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MTZ004	03 04	1700MST- 0500MST			0	0	0	0	Heavy Snow
									Four inches of snow fell at Butte.
MTZ003-004-007 Mountains	15 16	0000MST- 1200MST			0	0	0	0	Heavy Snow
									A winter storm moved across the southern half of Montana, bringing widespread heavy snow to the higher elevations. Reports of 6 to 16 inches of snow were common at mountain pass elevations.
MTZ003-005	20	0600MST- 2355MST			0	0	0	0	High Winds
									A cold front moved across the north central Montana plains, bringing high winds to the area . Sustained winds of 35 to 45 mph were common, with gusts as high as 69 mph.
MTZ004	21	1200MST- 1800MST			0	0	1	0	High Winds
									Trees were blown down in the town of Anaconda.
MTZ003	26	1730MST			0	0	0	0	High Winds
									Gusts over 80 mph reported in Browning.
MTZ007	27	0500MST			0	0	1	0	High Winds
									Trees were uprooted in Livingston causing a power outage.
MTZ007	31	1700MST- 2300MST			0	0	1	0	High Winds
									Trees were blown down in Livingston, causing a power outage.
NEBRASKA									
Keith County 1.5S Brule	05	2200CST			0	0	?	0	Thunderstorm Winds (G60)
									Thunderstorm winds lifted the roof off a home and then set it back down.
1S Brule	05	2200CST			0	0	?	0	Thunderstorm Winds (G60)
									Thunderstorm winds levelled a convenience store/gas station under construction; 45 foot by 55 foot, at the I-80 interchange.
Brule Beals Airport	05	2200CST			0	0	?	0	Thunderstorm Winds (G60)
									Thunderstorm winds destroyed an airplane hangar at the Beals airport.
2SW Ogallala	05	2215CST			0	0	?	0	Thunderstorm Winds (G60)
									Outbuildings were destroyed, a large evergreen tree was uprooted, a large television antenna was snapped off in the middle, a water storage shed was flipped over, and two poles were pulled from the ground. A pick-up truck parked near the house sustained a broken window and a few dents.
Ogallala	05	2220CST	0.5	100	0	0	100K	?	Tornado (F1)
									A tornado moved along a narrow path from southwest to northeast for about nine city blocks on the west edge of Ogallala. The tornado touched down by the Union Pacific tracks south of West United States Highway 30; uprooting a tree there. The tornado moved across United States Highway 30 and felled a tree on a home, causing extensive damage to the roof. The tornado then ripped a 24 foot by 96 foot roof from a storage building. The roof was scattered across the

NEBRASKA Cont'd

Keith County fairgrounds and into an electrical feeder station, causing power outages to 25 homes. Tops were taken out of trees along the entire path and tree limbs ripped electrical services of numerous homes. Several trees were also uprooted along the path. Fifty feet of edging was blown

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
									off the elementary school's roof and three windows were broken. A tree fell on the roof of a home and a vehicle near the home.
Hayes County 15NE Hayes Center	05	2250CST			0	0	?	?	Thunderstorm Winds (G60)
									Thunderstorm winds moved a double-wide trailer off of its foundation. Two storage sheds were destroyed and a solar panel from the roof of the trailer. Crops were destroyed in an adjacent cornfield.
NEZ001>004 Northern Nebraska Panhandle	06	1230MST- 1830MST			0	0	50K	?	High Winds
									High winds with speeds up to 65 mph damaged roofs, trees, and power lines.
Lancaster County Havelock	06	1620			0	0	?	0	Hail (1.75)
Douglas County 8NW Omaha	06	1710CST			0	0	0	0	Hail (0.75)
Custer County 5SW Arnold	16	1730CST	2.0	100	0	0	10K	.7K	Tornado (F0)
									A small tornado moved southwest to northeast and caused damage over a two mile path to two farmsteads. The tornado tore metal roofing off of outbuildings, picked up a chicken house, and turned it around at the first farmstead. It destroyed large cane stacks enroute to the second farmstead. Four windows were sucked out of the home, uprooted trees in a windbreak destroyed three hog sheds, a grain bin, a metal shed, and fences.
Antelope County 5N Neligh	17	1424CST			0	0	?	?	Tornado (F0)
									A brief tornado downed trees and powerlines.
Phelps County 1W Funkhousen	17	1455CST	0.1	25	0	0	?	?	Tornado (F0)
1N Funkhousen	17	1455CST	0.1	25	0	0	?	?	Tornado (F0)
1W Holdrege to 4N Holdrege	17	1455CST- 1503CST	4.0	75	0	0	250K	?	Tornado (F2)
5S Holdrege	17	1501CST	0.2	25	0	0	?	?	Tornado (F0)
									A tornado moved across the western and northern parts of Holdrege. The roof of one business was removed. One residence was destroyed and three others were damaged. At the golf course, the clubhouse roof was damaged while the maintenance building and two golf cart sheds were destroyed. Sixty golf carts were damaged. Other brief tornado touchdowns were reported in Phelps County.
Buffalo County 13 NE Kearney to 14 NE Kearney	17	1548CST- 1550CST	1.0	50	0	0	?	?	Tornado (F1)
									A tornado touched down briefly in open country northeast of Kearney.
Howard County 3NW Saint Paul to 5N Saint Paul	17	1643CST- 1651CST	3.0	50	0	0	?	?	Tornado (F1)
NEBRASKA Cont'd									
1ESE Wolbach	17	1658CST			0	0	?	?	Thunderstorm Winds(G50+)
									A tornado destroyed a barn and a grain bin and damaged two other buildings on a farm near Saint Paul. Thunderstorm winds inflicted structural damage and broke windows on a farm near Wolbach

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
in Howard County. Power lines were also downed.									
Lancaster County 3NW Lincoln	17	1700CST			0	0	?	0	Thunderstorm Winds
A Cessna 172 was moved 35 feet as winds gusted to 46 mph. Landing gear and pilot's wing were badly damaged.									
Stanton County 15SE Stanton	17	1950CST	0.3	20	0	0	20K	?	Tornado (F0)
A small tornado was on the ground less than one half a mile, hitting two farms damaging outbuildings.									
NEVADA									
NVZ001-002 Lake Tahoe- Truckee Area, Central Sierra, East Slopes	04	0000PST- 0800PST			0	0	0	0	Heavy Snow
A low pressure system dropped 12 inches of snow at the main lodge of the Mammoth Mountain Ski Area. During this same time, Kirkwood Ski Area received 12-16 inches of snow.									
NEW HAMPSHIRE									
None reported.									
NEW JERSEY, Northern									
None reported.									
NEW JERSEY, Southern									
None reported.									
NEW MEXICO									
Grant County 12 NNW Silver City	04	2100MST			0	0	0	0	Lightning
Lightning sparked two late season wildfires that covered 350 acres in the Pinos Altos Mountains and forced closure of several campgrounds.									
Bernalillo County Albuquerque	05	1834MST			0	1	?	0	High Winds (G44)
A surface cold front accelerated eastward ahead of strong upper level low pressure system producing high winds over northwest and north central New Mexico. Winds of near 50 mph tore down several large tents at the Albuquerque International Balloon Fiesta site. One man suffered minor injury while trying to secure tent poles and tie downs being whipped by the gusts as the cold front moved across the city.									
NMZ002-004-005- 008	15 16	2100MST- 1200MST			0	0	?	0	Heavy Snow
The season's first strong winter storm system swept across the northern one-third of New Mexico producing heavy snow of 9 inches at Fence Lake, 12 inches at El Morro and 14 inches at McGaffey all in west central New Mexico, and 6 to 12 inches across the north central mountains. A combination of gusty winds and wet, heavy snowfall at Gascon and Wolf Canyon downed utility poles resulting in power outages of 18 to 24 hours.									
NEW YORK, Central									
Capital District	All month				0	0	0	0	Dry
October 1994 tied for the 7th driest October on record at Albany. The 0.83 inches of rain which fell during the month of October tied that which was first set in October 1909.									

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
NEW YORK, Coastal									
									None reported.
NEW YORK, Western									
									None reported.
NORTH CAROLINA									
Beaufort County Near Pantego	14	2155EST			?	?	?	?	Thunderstorms Winds
									Large trees and power lines were downed.
Beaufort County	14	2158EST			?	?	?	?	Thunderstorm Winds
									County sheriff reported trees down.
Pamlico County Whortonsville	14	2227EST			?	?	?	?	Thunderstorms Winds
									County sheriff reported trees and power lines down.
Carteret County	26	1455EST			?	?	?	?	Hail (0.75)
NORTH DAKOTA									
Grant County Heil	06	1630CST			?	?	?	?	Funnel Cloud
Emmons County 80 W Strasburg	06	1655CST	0.1	15	?	?	.0K	.0K	Tornado (F0)
									The path and length were estimated.
OHIO									
Medina County Lodi	1	0005EST			0	0	0	0	Hail (0.75)
OKLAHOMA, Eastern									
Osage County 2 SW Bartlesville	07	0400CST			0	0	?	?	Hail (0.75)
Washington County Bartlesville	07	0405CST			0	0	?	?	Hail (1.00)
Nowata County Lenapah	07	0425CST			0	0	?	?	Hail (0.88)
Craig County Vinita	07	0520CST			0	0	?	?	Thunderstorm Winds (G64)
Craig County 4 E Welch	07	0540CST			0	0	?	?	Hail (0.75)
Ottawa County Afton	07	0600CST			0	0	?	?	Thunderstorm Winds (G52)
									Severe thunderstorms developed in northeast Oklahoma during the early morning of October 7th . Thunderstorm winds gusted to 74 miles an hour at the mesonet automated observing site in Vinita and to 60 miles an hour at Afton. Quarter-size hail fell at Bartlesville, nickel-size hail fell at Lenapah, and dime-size hail fell 2 miles southwest of Bartlesville and 4 miles east of Welch.
Okfuskee County Boley	07	1110CST			0	0	?	?	Hail (0.75)
OKLAHOMA, Eastern Cont'd									
Creek County 8 S Bristow	07	1122CST			0	0	?	?	Hail (0.88)
Creek County 4 SSW Bristow	07	1129CST			0	0	?	?	Hail (1.00)

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Okmulgee County 10 W Okmulgee	07	1200CST			0	0	?	?	Hail (0.75)
Severe thunderstorms redeveloped in northeast Oklahoma during the late morning and early afternoon of October 7th and produced large hail. Quarter-size hail fell 4 miles south southwest of Bristow, nickel-size hail fell 8 miles south of Bristow, and dime-size hail fell at Boley and 10 miles west of Okmulgee.									
Washington County Vera	20	0032CST			0	0	?	?	Hail (0.88)
Tulsa County Collinsville	20	0035CST			0	0	?	?	Hail (0.75)
Rogers County Claremore	20	0107CST			0	0	?	?	Hail (0.88)
Mayes County 1 E Chouteau	20	0135CST			0	0	?	?	Hail (0.75)
Severe thunderstorms developed in northeast Oklahoma during the early morning of October 20th and produced large hail. Nickel-size hail fell at Vera, dime- to nickel-size hail fell at Claremore, and dime-size hail fell at Collinsville and 1 mile east of Chouteau.									
Cherokee County Near Cookson	20	0645CST			0	0	?	?	Thunderstorm Wind
A severe thunderstorm produced strong winds which downed trees and large tree limbs near Cookson.									
Pawnee County 6 E Pawnee	31	0300CST			0	0	?	?	Thunderstorm Winds (G52)
Creek County Drumright	31	0325CST			0	0	?	?	Thunderstorm Winds (G52)
Tulsa County Glenpool	31	0430CST			0	0	2	?	Thunderstorm Wind
Severe thunderstorms developed in northeast Oklahoma during the early morning of October 31st and produced damaging winds. Strong thunderstorm winds tore several awnings loose from a house in Glenpool, and numerous large tree limbs were downed by 60 mile an hour winds 6 miles east of Pawnee. Thunderstorm winds also gusted to 60 miles an hour at Drumright.									
OKLAHOMA, Western									
Woods County Waynoka	02	1130CST			0	0	?	?	Hail (1.00)
Woodward County 10 SSE Quinlan	02	1138CST			0	0	?	?	Hail (0.75)
Major County 12 N Chester	02	1145CST			0	0	?	?	Hail (0.75)
Woods County 9 SE Waynoka	02	1215CST			0	0	?	?	Hail (0.88)
Major County 10 W Orienta	02	1245CST			0	0	?	?	Hail (0.75)
Major County 8 W Orienta	02	1415CST			0	0	?	?	Hail (0.75)
Major County Orienta	02	1440CST			0	0	?	?	Hail (1.00)
Major County 2 N Ames	02	1520CST			0	0	?	?	Hail (0.88)
Major County 3 S Ames	02	1525CST			0	0	?	?	Thunderstorm Wind (G61)
OKLAHOMA, Western Cont'd									
Major County 3 S Ames	02	1525CST			0	0	?	?	Hail (0.88)
Major County 5 SE Ames	02	1610CST			0	0	?	?	Hail (1.25)
Garfield County									

Storm Data and Unusual Weather Phenomena

October 1994

									October 1994
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property		Crops
5 S Drummond Garfield County	02	1625CST			0	0	?	?	Hail (0.88)
Bison Garfield County	02	1655CST			0	0	?	?	Hail (0.75)
4 E Bison Garfield County	02	1700CST			0	0	?	?	Hail (1.75)
10 SSW Covington Alfalfa County	02	1720CST			0	0	?	?	Hail (1.00)
4 WSW Helena Garfield County	02	1740CST			0	0	?	?	Hail (0.75)
W Enid Garfield County	02	1825CST			0	0	?	?	Hail (1.00)
Enid Garfield County	02	1825CST			0	0	?	?	Hail (1.00)
(END) Vance AFB Garfield County	02	1838CST			0	0	?	?	Hail (1.00)
(END) Vance AFB Major County	02	1838CST			0	0	?	?	Thunderstorm Wind (G66)
8 E Orienta Garfield County	02	1905CST			0	0	?	?	Hail (0.75)
2 N Fairmont Garfield County	02	1925CST			0	0	?	?	Hail (0.75)
5 S Drummond Garfield County	02	1950CST			0	0	?	?	Hail (0.88)
5 S Drummond Garfield County	02	1950CST			0	0	?	?	Thunderstorm Wind (G53)
Bison Garfield County	02	2020CST			0	0	?	?	Hail (1.00)
3 S Waukomis Kingfisher County	02	2020CST			0	0	?	?	Flash Flooding
3 N Hennessey Garfield County	02	2025CST			0	0	?	?	Hail (0.75)
2 N Bison Garfield County	02	2042CST			0	0	?	?	Flash Flooding
4 S Drummond Kingfisher County	02	2042CST			0	0	?	?	Flash Flooding
Hennessey Kingfisher County	02	2050CST			0	0	?	?	Hail (1.00)
Lacey Kingfisher County	02	2051CST			0	0	?	?	Hail (1.00)
1 S Hennessey Logan County	02	2055CST			0	0	?	?	Flash Flooding
3 S Marshall Logan County	02	2138CST			0	0	?	?	Hail (0.75)
3 N Crescent	02	2143CST			0	0	?	?	Hail (0.88)

Severe thunderstorms in portions of northwest, north central, and central Oklahoma produced hail as large as golf balls and isolated wind gusts up to 70 mph.

After several storms tracked across northcentral Oklahoma, flash flooding developed in Garfield and Kingfisher Counties. In Garfield County, water covered US Highway 81 two miles north of Bison and State Highway 132, 4 miles south of Drummond, causing several vehicles to stall. Three miles south of Waukomis US Highway 81 was closed while crews cleared 18 inches of hail and water from the roadway. In Kingfisher County, US Highway 81 was flooded 1 mile south of Hennessey.

Cotton County									
4 N Devol	03	1650CST			0	0	?	?	Hail (0.88)
OKLAHOMA, Western Cont'd									
Cotton County									
7 N Devol	03	1655CST			0	0	?	?	Hail (0.75)
Cotton County									
7 N Devol	03	1655CST			0	0	?	?	Thunderstorm Wind (G52)
Tillman County									
Grandfield	03	1705CST			0	0	?	?	Hail (0.88)

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Cotton County									
7 N Devol	03	1708CST			0	0	?	?	Hail (1.25)
Comanche County									
Faxon	03	1730CST			0	0	?	?	Hail (1.00)
Comanche County									
1 E Cache	03	1747CST			0	0	?	?	Hail (1.00)
Comanche County									
5 NNW Medicine Park	03	1810CST			0	0	?	?	Hail (1.50)
Kiowa County									
7 S Mountain View	03	1812CST			0	0	?	?	Hail (0.88)
Kiowa County									
3 NE Gotebo	03	1845CST			0	0	?	?	Hail (0.75)
Washita County									
5 SE Cowden	03	1850CST			0	0	?	?	Hail (1.00)
Canadian County									
El Reno	03	2214CST			0	0	?	?	Hail (1.00)
Kingfisher County									
4 S Cashion	03	2340CST			0	0	?	?	Hail (0.75)
A line of severe thunderstorms moved northward into southern Oklahoma late in the afternoon and then continued to develop and move northward across central Oklahoma into the evening. Hail as large as Ping-Pong balls and wind gusts to 60 mph were reported.									
Cleveland County									
Norman	07	0830CST			0	0	?	?	Lightning
Comanche County									
Lawton	07	0830CST			0	1	?	?	Lightning
Seminole County									
11 NNW Seminole	07	1035CST			0	0	?	?	Hail (1.75)
Lightning from thunderstorms in southwest Oklahoma struck a tree at Liberty Lake in Lawton, injuring one woman. A power line in Cleveland County was also struck, knocking out power in Norman for 45 minutes. Hail as large as golf balls was reported in Seminole County.									
Greer County									
Granite	16	2312CST			0	0	?	?	Hail (0.75)
An isolated severe thunderstorm in southwest Oklahoma produced dime-sized hail in Greer County.									
Alfalfa County									
5 SW Aline	17	1547CST	.02	30	0	0	3	?	Tornado (F0)
Alfalfa County									
4 WSW Carmen	17	1550CST	.02	30	0	0	3	?	Tornado (F1)
Major County									
7 WNW Ringwood	17	1702CST	.02	30	0	0	3	?	Tornado (F0)
Isolated severe thunderstorms produced 3 tornadoes in northcentral Oklahoma. In Alfalfa County, two brief tornadoes caused minor damage to a barn 5 miles southwest of Aline and destroyed a cow shed and corrals 4 miles WSW of Carmen. No damage was reported with the tornado 7 miles WNW of Ringwood in Major County.									
Roger Mills County									
5 NE Sweetwater	20	2015CST			0	0	?	?	Hail (1.00)
Dewey County									
Leedey	20	2100CST			0	0	?	?	Hail (0.75)
OKLAHOMA, Western Cont'd									
Jackson County									
Eldorado	20	2118CST			0	0	?	?	Hail (1.00)
Greer County									
Willow	20	2130CST			0	0	?	?	Hail (0.88)
Jackson County									
7 S Olustee	20	2240CST			0	0	?	?	Hail (0.75)
Comanche County									

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Cache Comanche County 1 S Faxon	20	2330CST			0	0	?	?	Hail (0.75)
Jefferson County 4 NE Terral	20	2337CST			0	0	?	?	Hail (1.00)
Comanche County 1 N Cache	20	2345CST			0	0	?	?	Hail (0.75)
Cotton County 3 W Walters	20	2345CST			0	0	?	?	Hail (1.75)
Love County 4 S Leon	20	2358CST			0	0	?	?	Hail (0.88)
Cotton County 7 SE Devol	21	0030CST			0	0	?	?	Hail (0.88)
Bryan County Colbert	21	0055CST			0	0	?	?	Thunderstorm Wind
	21	0230CST			0	0	?	?	Hail (1.75)
A line of severe thunderstorms along the western border of Oklahoma the evening of the 20th moved slowly eastward across western Oklahoma. The strongest storms persisted into the early mornin g hours of the 21st and produced up to half-dollar-sized hail and strong winds in southern Oklahoma. In Cotton County 7 miles SE of Devol (just north of the Red River) a tractor-trailer was blown over on Interstate 44, blocking 3 lanes for 2 hours.									
Bryan County 2 N Bokchito	21	1743CST			0	0	?	?	Hail (0.75)
Bryan County 1 E Cade	21	1745CST			0	0	?	?	Hail (0.75)
Bryan County N Albany	21	1800CST			0	0	?	?	Hail (1.00)
A severe thunderstorm produced hail up to quarter-size in Bryan County.									
Comanche County 5 SW Sterling	24	1000CST			0	0	?	?	Flash Flooding
Heavy rain caused flash flooding in Comanche County where 6 to 12 inches of water were reported over roads southwest of Sterling.									
Ellis County Near Arnett (mesonet)	30	2330CST			0	0	?	?	Thunderstorm Wind (G53)
Ellis County Arnett	30	2330CST			0	0	?	?	Thunderstorm Wind
Roger Mills County Near Cheyenne (mesonet)	31	0005CST			0	0	?	?	Thunderstorm Wind (G58)
Custer County Near Butler (mesonet)	31	0030CST			0	0	?	?	Thunderstorm Wind (G53)
Dewey County Near Putnam (mesonet)	31	0050CST			0	0	?	?	Thunderstorm Wind (G50)
Custer County Near Weatherford (mesonet)	31	0100CST			0	0	?	?	Thunderstorm Wind (G69)
Custer County Butler	31	0100CST			0	0	?	?	Thunderstorm Wind
OKLAHOMA, Western Cont'd									
Blaine County Eagle City	31	0115CST			0	0	?	?	Thunderstorm Wind
Blaine County Watonga	31	0130CST			0	0	?	?	Thunderstorm Wind
Blaine County Watonga	31	0130CST			0	0	?	?	Thunderstorm Wind (G58)
Jackson County									

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
(LTS) Altus AFB	31	0143CST			0	0	?	?	Thunderstorm Wind (G50)
Canadian County									
Calumet	31	0145CST			0	0	?	?	Thunderstorm Wind
Kingfisher County									
Okarche	31	0150CST			0	0	?	?	Thunderstorm Wind
Canadian County									
Piedmont	31	0155CST			0	0	?	?	Thunderstorm Wind (G56)
Oklahoma County									
NW Oklahoma City	31	0230CST			0	0	?	?	Thunderstorm Wind
Grady County									
2 NE Rush Springs	31	0238CST			0	0	?	?	Thunderstorm Wind (G60)
Logan County									
2 E Meridian	31	0238CST			0	0	?	?	Thunderstorm Wind (G52)
Oklahoma County									
6 W Edmond	31	0240CST			0	0	?	?	Thunderstorm Wind
Oklahoma County									
Edmond	31	0240CST			0	0	?	?	Thunderstorm Wind
McClain County									
Blanchard	31	0240CST			0	0	?	?	Thunderstorm Wind
Cleveland County									
Norman	31	0242CST			0	0	?	?	Thunderstorm Wind (G55)
Noble County									
Perry	31	0330CST			0	0	?	?	Thunderstorm Wind

A line of severe thunderstorms moving east at 50 mph across western and central Oklahoma produced winds up to 79 mph.

In Ellis County, the announcers stand and stock pens at the county fairgrounds in Arnett were heavily damaged. Trees and power lines were blown down in Butler in Custer County. In Blaine County, a camper trailer was blown over onto a boat in Eagle City and a roof was blown off a barn 6 miles west of Watonga. Trees were downed and a trailer house was blown down in Watonga. Trees were also reported down in Calumet in Canadian County and a 10-inch tree limb was blown down in Okarche in Kingfisher County.

In Oklahoma County, a roof was blown off a house 0.5 mile NW of the Britton and Rockwell Roads intersection in northwest Oklahoma City and a truck was blown off the road at the Edmond Road/Piedmont Road intersection 6 miles west of downtown Edmond. In downtown Edmond a roof was blown off a business.

Windows were blown out of a building and power lines were downed in Noble County. A large tree was uprooted in Blanchard in McClain County.

OREGON

Zones 06 and 13

14	0000PST- 2400PST								
		?	?	?	?				Heavy Snow

The first significant snowfall of the season in the Cascade Mountains dropped 8 inches at McKenzie Pass, 6 inches at Crater Lake National Park, and 4 inches at Timberline Lodge on Mt. Hood.

**Tillamook County
Zone 6**

25	1600PST- 2400PST								
		?	?	?	?				High Wind

Winds increased in the afternoon and evening along the North Coast and in the Northern Cascades as a powerful Pacific storm approached Oregon. Tillamook and Netarts along the coast

OREGON Cont'd

reported sustained winds above 48 mph with gusts to 63 and 72 mph, respectively. Wind instruments at the 7,000 foot level on Mt. Hood reported gusts of 75-100 mph.

**Clatsop County
Astoria**
**Tillamook County
Garibaldi**
Tillamook

26	1322PST								
		?	?	?	?				High Wind (G63)
26	1400PST								High Wind (G65)
26	1415PST								High Wind (G81)

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Netarts	26	1430PST			?	?	?	?	High Wind (G65)
Clackamas County	26	1500PST-			?	?	?	?	High Wind (G87)
Timberline Lodge		2000PST			?	?	5	?	Heavy Precipitation
Zones 01 04 06 07	26	0000PST			?	?			High Wind

A major winter storm pounded the northwestern portion of Oregon with extremely heavy precipitation and high winds. Twenty-four hour rainfall totals for the date included 2.33 inches at Portland airport, 3.35 inches at Astoria, 5.14 inches in Gresham, 7.70 inches in Sandy, in the Cascade foothills, and 3.05 inches in Hood River (tying the all-time 24 hour record). Rainfall of 4-6 inches occurred in the Cascade and Coastal Mountains. The Tillamook High School auditorium flooded, but otherwise flood problem reports were minimal due to drought conditions that existed before the storm. High winds blew down trees and large tree limbs and caused widespread power outages. Winds tore a 900 foot oil tanker from its mooring in the Port of Astoria and pushed it into the bridge across the Columbia River at 1217 PST. The tanker was not carrying any cargo and no significant damage occurred to either the ship or the bridge.

Zones 01-04 06 07 06 07 13	31	0000PST- 2100PST			?	?	5	?	High Wind Heavy Precipitation
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The second major Pacific storm in 5 days hit northwestern Oregon brought more extremely heavy precipitation, but somewhat less wind, than the previous storm. Portland airport received 2.44 inches of rain, with 3-4 inches in the Coast Mountains and Cascade foothills. Some minor flooding occurred but no significant damages were reported. Over a foot of new snow fell in most of the North Cascades above pass levels and 6 inches or more were reported in the South Cascades. Wind gusts of 67 mph at Astoria, 70 mph at Tillamook, and 72 mph at Sea Lion Caves were reported along the coast. Sustained winds of 74 mph with gusts to 100 mph were recorded at 7000 feet on Mt. Hood, while at Condon, in the Columbia Basin, winds gusted to 62 mph. Numerous trees were blown down and some power outages occurred near the coast and near the mountains. An 80-foot tree fell on a Portland home and punched a hole in the roof. High winds in Sisters blew down huge old pine trees on Pine street, and a large limb fell on a man while giving candy to trick or treaters and he received a minor head wound. No major injuries were reported.

PENNSYLVANIA, Eastern

Lancaster County 4 E Lancaster	01	1730EST			0	0	?	?	Lightning
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Lightning struck a 40-foot hemlock tree in the back yard of an East Lampeter Township home. The tree split in two. Half of it came crashing down on two recreational vehicles parked in the back yard.

Chester County	31	0600EST- 0800EST			0	3	?	0	Fog
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Dense fog was blamed for seven traffic accidents in South west Chester County including an eight-car pileup on Pennsylvania State Route 41 in West Fallowfield Township which injured three persons. Seven cars were already stopped for one traffic accident when they were hit by a tractor trailer. State Police in the area described visibility as 25 feet.

PENNSYLVANIA, Western

Washington County Prosperity	01	1630EST			0	1	0	0	Lightning
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Lightning struck a bow-and-arrow deer hunter and toppled him from his 15 foot high stand. The 42-year-old man suffered first and second degree burns, and blurred vision.

Greene County Rices Landing	01	1700EST			0	0	0	0	Thunderstorm Winds
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Thunderstorm winds downed trees in Rices Landing.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Fayette County Pt. Marion	01	1710EST			0	0	0	0	Thunderstorm Winds
Trees were downed by thunderstorm winds.									
RHODE ISLAND									
None reported.									
SOUTH CAROLINA									
Charleston County Kiawah Seabrook Islands	03	0100EST			0	0	5K	0	Thunderstorm Winds
Tree limbs and signs blown down on Kiawah and Seabrook Islands.									
Beaufort County	03	0230EST- 0330EST			0	0	100K	0	Heavy Rains Flash Flooding
Beaufort County Coastal areas	03	0330EST- 0900EST			0	0	1M	0	Coastal Flooding
Record breaking heavy rains, unofficially more than 13 inches in 24 hours. A 24-hour total of 11.5 inches at Honey Horn Plantation on northern Hilton Head Island broke the official all-time rainfall records at that location. Scattered areas of flash flooding followed by coastal flooding. Heaviest flooding was on Hilton Head Island. Roads and homes were flooded with damage to contents. Flood waters covered many streets, damaged more than 147 homes, 6 government buildings, 36 businesses and at least 45 cars. Approximately 37 roads washed out or damaged; also, oyster beds were closed from October 3 to 24th due to effluent releases. Several Low Country sewage treatment plants reported flooding problems, and more than 3012 consumers lost electrical power. A 57-foot cabin cruiser sank in Beaufort River apparently from the heavy rain.									
Charleston County Charleston	03	0230EST- 0400EST			0	0	50K	0	Flash Flooding
Charleston County Coastal areas	03	0400EST- 0930EST			0	0	300K	6K	Coastal Flooding
Rainfall amounts of 4.5 to 8 inches in less than 24 hours were reported across the county. Runoff from heavy rains, high tides and strong winds combined to cause significant flooding over much of the coastal areas of the county, especially in the City of Charleston and over most of the islands. Contents of buildings and homes were damaged, sewers backed up, roads flooded, and interior of cars damaged from flood waters.									
Colleton County	03	0230EST- 0345EST			0	0	200K	7K	Flash Flooding
Colleton County S Portion	03	0345EST- 0900EST			0	0	1M	0	Coastal Flooding
Trees washed out across roads, roads flooded, and some homes flooded.									
Greenwood County Greenwood	10	0900EST			0	0	6K	0	Thunderstorm Winds
SOUTH CAROLINA Cont'd									
SCZ34,SCZ39,SCZ42- SCZ46, Coastal Plain	13	0000EST- 2300EST			0	0	2M	8K	Flash Flooding
SCZ34,SCZ46,SCZ47- SCZ50, Coastal South Carolina	13	0000EST- 2300EST			0	0	25M	50K	Coastal Flooding
Flash flooding followed by coastal flooding. Bands of heavy precipitation, that produced 10 to 14 inches of rain in the Savannah, Georgia area, produced 4 to 10 inches of rain along the South Carolina coast. This caused varying degrees of flash flooding followed by coastal flooding over all 10									

Storm Data and Unusual Weather Phenomena

October 1994

[illegible]

counties in the Charleston National Weather Service Office's county responsibility area. The heaviest rainfall and the worst flooding occurred in Charleston, southern Colleton, Beaufort and southern Jasper Counties. Numerous roads were flooded and/or washed away. At times and in various places water came up to near the side view mirror on cars. There was considerable flooding of homes and businesses throughout area. Beach erosion was also noted at several locations along the South Carolina Coast. Beaufort County was hard-hit, reporting 218 homes/villas/apartments, fifteen businesses flooded and two boating vessels damaged. Eight wastewater treatment plants damaged also two golf courses heavily damaged. Moderate beach erosion reported along the south coast with 200,000 cubic yards of sand lost on Hilton Head.

**Georgetown County
Georgetown**

13	1500EST	0	0	5K	0	Thunderstorm Winds
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Thunderstorm winds downed trees in Wedgefield Subdivision.

Spartanburg County 2 N Cross Anchor

22	1810EST-1816EST	2	75	0	0	4K	0	Tornado (F0)
22	1900EST			0	0	2K	0	Thunderstorm Winds

A small tornado spun up as a thunderstorm moved across ridges in hilly terrain in southern Spartanburg County. The small tornado was viewed by several people and was accompanied by marble-size hail. Witnesses stated there was one flash of lightning and one roll of thunder as the storm moved across. The roofs of a home and barn were damaged and an outbuilding was destroyed. Power was out in the area for a few hours. A similar storm produced some minor wind damage in the Glenn Springs/Pauline area.

Beaufort County Beaufort

23 0400EST 0 0 4K 0 Heavy Rains

Flooding from heavy rains disrupted electrical service to approximately 700 electrical power customers.

SOUTH DAKOTA

**SDZ001-002-012-013-024>031-
Far Western SD**

06	1100MST- 1700MST	0	0	.01M	0	High Winds
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High winds gusting as high as 75 mph blew down some trees and power lines over far western South Dakota including the Black Hills. Several power outages were reported.

**Hand Co,
Miller SD**

06	1430CST	0	0	0	0	Hail(0.75)
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**Beadle Co,
15NE Huron SD**

06	1510CST	0	0	0	0	Hail(0.75)
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**Spink Co,
Redfield SD**

06	1520CST	0	0	0	0	Hail(0.75)
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**Brown/Spink Co. Ln,
Mansfield SD**

06 1545CST 0 0 ? 0 Thunderstorm Wind

Thunderstorm winds uprooted some large trees.

SOUTH DAKOTA Cont'd

**Day Co,
2N Grenville SD**

06	1654CST	0	?	0	0	0	0	Tornado(F0)
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A brief tornado touchdown was reported by state police.

**Day Co,
Grenville SD**

06 1655CST 0 0 2.0K 0 Thunderstorm Wind

Thunderstorm winds blew shingles away and caused further damage to the roof of a house, allowing water to leak into three rooms.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

Roberts Co, 1.5E to 7NE of Wilmont SD

06 1700CST-1720CST 8.0 100 0 0 0.2M ? Tornado (F1)

A tornado destroyed several small farm buildings, a garage, damaged farm machinery, blew down a grain bin, and uprooted several trees. Several hogs were killed when their shed was destroyed and minor damage was done to some homes. The tornado drove a 6 foot long 1x6 piece of lumber through the center of a large tree limb.

Grant Co, Milbank SD

06 1730CST 0 0 1.0K 0 Thunderstorm Wind

Thunderstorm winds damaged a commercial building under construction.

Lake Co, Madison SD

06 1800CST 0 0 3.0K 0 Thunderstorm Wind

Thunderstorm winds destroyed a 50 x 100 foot machine shed.

SDZ061- Bridgewater SD

07 0430CST 0 0 .02M 0 High Winds

Strong winds associated with a cold frontal passage blew down a filled 24 x 80 foot silo.

TENNESSEE

None reported.

TEXAS, Panhandle

Randall County

1 N Amarillo 04 1610CST 0 0 0 0 Hail (0.75)

6 SE Amarillo 04 1614CST 0 0 0 0 Hail (1.00)

Oldham County

1 N Vega 04 1618CST 0 0 0 0 Hail (1.00)

Randall County

7 SE Amarillo 04 1625CST 0 0 0 0 Hail (0.75)

Oldham County

2 NE Vega 04 1646CST 0 0 0 0 Hail (1.00)

Potter County

5 N Bushland 04 1755CST 0 0 0 0 Hail (1.00)

Bushland 04 1940CST 0 0 3 0 Hail (1.75)

Randall County

4 S Bushland 04 1953CST 0 0 3 0 Hail (1.75)

8 S Amarillo 04 2018CST 0 0 4 0 Hail (1.75)

3 S Amarillo 04 2026CST 0 0 3 0 Hail (1.75)

9 S Amarillo 04 2030CST 0 0 5 4 Hail (2.75)

11 S Amarillo 04 2040CST 0 0 5 5 Hail (2.75)

14 SE Amarillo 04 2047CST 0 0 4 4 Hail (2.00)

Randall County 04 2220CST-2345CST 0 0 4 0 Flash Flooding

A very active evening in the central Texas panhandle region. A large swath of hail up to baseball size occurred west through south of Amarillo causing extensive damage. Two auto dealership s between Amarillo and Canyon sustained hail damage estimated to be near \$1M. Crop damage to corn and sorghum exceeded \$.25M. Numerous windshields were broken as

TEXAS, Panhandle Cont'd

were many roofs in northern Canyon. Late in the evening a flash flood occurred in Palo Duro Canyon washing one car and two campers along with several tents downstream. No one was injured.

Hall County

4 E Turkey 20 2130CST 0 0 0 0 Hail (1.75)

Childress County

7 NW Childress 20 2206CST 0 0 0 0 Hail (0.75)

Thunderstorms produced hail to golfball size over open country in Hall county reported by Memphis Police Department. Dime-size hail was reported by Department of Public Safety on Highway 287.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Northern									
Archer County Mankins	03	1545CST			0	0	?	?	Hail (1.75)
Archer County 5 W Holliday	03	1555CST			0	0	?	?	Hail (1.00)
Wichita County Kamay	03	1610CST			0	0	?	?	Hail (1.00)
Wichita County 6 E Kamay	03	1610CST			0	0	?	?	Hail (1.00)
Wichita County Iowa Park	03	1620CST			0	0	?	?	Hail (2.50)
Wichita County Iowa Park	03	1630CST			0	0	?	?	Thunderstorm Wind (G52)
Wichita County 3 NW Burkburnett	03	1650CST			0	0	?	?	Hail (0.75)
Severe thunderstorms developed in the afternoon and produced large hail in Archer and Wichita Counties before moving northward into Oklahoma. Hail as large as tennis balls destroyed vinyl siding, broke windows, and caused considerable roof damage in Iowa Park in Wichita County. The press box at Iowa Park High School was also destroyed and two large trees were downed by strong winds estimated at 60 mph.									
Palo Pinto County Brad	03	1500CST			0	0	0	0	Hail (0.75)
1 W Gordon	03	1527CST			0	0	3	0	Thunderstorm Winds
Large tree limbs and a power line was blown down.									
Erath County Morgan Mill	03	1625CST			0	0	2	0	Thunderstorm Winds
A large tree was blown down.									
5 W Morgan Mill	03	1626CST			0	0	4	0	Thunderstorm Winds
A radio tower was blown down.									
Hood County 4 SW Granbury	03	1712CST			0	0	0	0	Thunderstorm Winds (G52)
Tarrant County 3 SW Benbrook	03	1740CST			0	0	0	0	Hail (0.75)
Johnson County 5 W Burleson	03	1742CST			0	0	0	0	Thunderstorm Winds (G52)
3 W Burleson	03	1750CST			0	0	0	0	Thunderstorm Winds (G69)
Wise County Bridgeport	03	1835CST			0	0	0	0	Thunderstorm Winds (G52)
Wise County Decatur	07	1130CST			0	0	0	0	Flash Flooding
TEXAS, Northern Cont'd									
Street flooding in town and at least one motorist was stranded by high water.									
Lake Bridgeport	07	1200CST			0	0	3	0	Thunderstorm Winds
The porch of a lake home was destroyed by high winds.									
Denton County Denton	07	1300CST			0	0	0	0	Flash Flooding
Many streets were flooded and motorists were stranded by high water.									
Collin County Princeton	07	1500CST	1.5	100	0	2	5	0	Tornado (F1)

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm	
			A small tornado moved through this rural community destroying eight mobile homes and damaging twenty-one.						
Tarrant County Keller	07	1500CST			0	0	4	0	Flash Flooding
			Heavy rain collapsed a warehouse roof.						
Dallas County Dallas	07	1530CST			1	0	0	0	Lightning
			A 29 year-old man was struck and killed by lightning. M29O						
Dallas	07	1600CST			1	0	0	0	Flash Flooding
			A 12 year-old girl fell into a rain swollen creek and drowned. F12O						
Rusk County 2 NE Mount Enterprise	07	1542CST			0	0	3	0	Thunderstorm Winds
			Trees were blown down by high winds.						
Ellis County Palmer	07	1630CST			0	0	4	0	Thunderstorm Winds
			A school was damaged by high winds; fences and signs were also blown down.						
Kaufman County 1 S Terrell	07	1630CST			0	0	3	0	Thunderstorm Winds
			Power lines were blown down by high winds.						
Kemp	07	1650CST			0	0	3	0	Thunderstorm Winds
			Power lines were blown down by high winds.						
Delta County 8 NE Commerce	07	1635CST							Funnel Cloud
Van Zandt County Wills Point	07	1650CST			0	0	3	0	Thunderstorm Winds
			Trees were blown down by high winds.						
Panola County Carthage	07	1755CST			0	0	3	0	Thunderstorm Winds
			Trees and power lines were blown down by high winds.						
Henderson County Trinidad	07	1815CST			0	0	0	0	Hail (0.75)
Smith County Smith County	07	2100CST			0	0	3	0	Thunderstorm Winds
			Power lines around the county were blown down.						
TEXAS, Northern Cont'd									
Leon County Buffalo	07	2330CST			0	0	0	0	Flash Flooding
			Flooding was reported in town.						
Anderson County Anderson County	08	0030CST			0	0	4	0	Flash Flooding
			Numerous Farm-to-Market Roads were flooded, two miles of FM 430 were washed out.						
Nacogdoches County Holly Springs	15	0400CST			0	0	5	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
					Killed	Injured		
Damage to killed chickens and chicken houses was estimated at 60-70,000 dollars; numerous trees were also blown down.								
Nacogdoches County	16	1830CST-						
	17	1300CST			0	0	5 0	Flash Flooding
Eight to ten inches of rain fell from Sunday night-Monday morning resulting in county-wide flooding. More than two dozen roads remained closed Monday morning.								
Angelina County	16	2300CST-						
Angelina County	17	0700CST			0	0	5 0	Flash Flooding
Up to 11.8 inches of rain fell from Sunday night-Monday morning causing county-wide flooding . Numerous county roads were flooded.								
Anderson County	16	2300CST			0	0	4 0	Thunderstorm Winds
Anderson County								
Many county roads were closed due to fallen trees.								
Cherokee County	16	2330CST			0	0	4 0	Thunderstorm Winds
Jacksonville								
Trees were blown down by high winds. Numerous county roads were closed by fallen trees.								
Cherokee County	16	2330CST			0	0	4 0	Flash Flooding
Several county roads were closed by high water.								
Gregg County	17	0010CST			0	0	4 0	Flash Flooding
Gregg County								
Numerous county roads were closed by high water.								
Gregg County	17	0010CST			0	0	4 0	Thunderstorm Winds
Numerous roads were closed by fallen trees.								
Shelby County	17	0430CST			0	0	5 0	Flash Flooding
Shelby County								
24 hour rainfall total of 8.1 inches flooded entire county and closed all schools.								
Comanche County	17	1805CST			0	0	3 0	Thunderstorm Winds
5 W De Leon								
Strong winds destroyed a barn.								
Brown County	17	1850CST			0	0	0 0	Hail (1.75)
Zephyr								
Hunt County	18	1045CST	Short	Narrow	0	0	0 0	Tornado (F0)
6 E Quinlan								
At West Tawakoni (6 E Quinlan), a brief tornado touchdown was reported.								
TEXAS, Northern Cont'd								
Parker County	20	1015CST			0	0	0 0	Hail (1.00)
Weatherford								
Tarrant County	20	1022CST			0	0	0 0	Hail (1.00)
Azle								
Lake Worth Village	20	1040CST			0	0	0 0	Thunderstorm Winds (G52)
Carswell Air								
Force Base	20	1045CST			0	0	0 0	Thunderstorm Winds (G69)
Dallas County	20	1115CST			0	0	4 0	Thunderstorm Winds
Grand Prairie								
Roofs were blown off outbuildings and car windows were broken by flying debris.								

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
Jones County Anson	20	1340CST			0	0	0 0	Hail (0.75)
Taylor County Abilene	20	1530CST			0	0	5 0	Thunderstorm Winds
A large steel beam sign was blown down at a service station, crushing three cars.								
Rusk County 17 SW Henderson	20	1620CST			0	0	3 0	Thunderstorm Winds
At 1 S New Salem (17 SW Henderson), trees were blown down by high winds.								
Overton	20	1630CST			0	0	3 0	Thunderstorm Winds
Trees were blown down by high winds.								
5 W Mt. Enterprise	20	1632CST			0	0	3 0	Thunderstorm Winds
Trees were blown down by high winds.								
Nacogdoches County Cushing	20	1630CST			0	0	0 0	Thunderstorm Winds (G52)
Hood County Tolar	20	1638CST			0	0	0 0	Hail (1.00)
Granbury	20	1725CST			0	0	3 0	Thunderstorm Winds (G52)
Trees and power lines were blown down by high winds.								
Granbury	20	1807CST			0	0	0 0	Thunderstorm Winds (G52)
Eastland County Eastland	20	1725CST			0	0	0 0	Hail (1.00)
Johnson County Bono	20	1730CST			0	0	4 0	Thunderstorm Winds
A barn was unroofed, outbuildings were damaged, fences and trees were blown down by high winds.								
Hardeman County 10 N Goodlett	20	2030CST			0	0	? ?	Hail (0.75)
Hardeman County 10 N Goodlett	20	2130CST			0	0	? ?	Hail (1.25)
Wilbarger County Odell	20	2145CST			0	0	? ?	Hail (1.00)
Hardeman County 12 NW Quanah	20	2230CST			0	0	? ?	Hail (2.50)
Wichita County Burkburnett	21	0045CST			0	0	? ?	Hail (0.75)
Knox County 3 SW Truscott	21	0145CST			0	0	? ?	Hail (1.25)

TEXAS, Northern Cont'd

Severe thunderstorms moved into western North Texas the night of the 20th and persisted through early morning on the 21st. Hail as large as tennis balls was reported.

Grayson County Sherman	21	0210CST			0	0	0 0	Hail (1.75)
Sherman	21	0210CST			0	0	3 0	Thunderstorm Winds
An airplane was flipped over by high winds.								
Denison	21	0230CST			0	0	2 0	Thunderstorm Winds
Trees were blown down and two windows of an auto dealership were broken.								

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Fannin County Bonham	21	0345CST			0	0	0	0	Flash Flooding
	1.55 inches of rain fell in 23 minutes resulting in urban flooding.								
Hunt County Neylandville	21	0430CST			0	0	4	0	Thunderstorm Winds (G71)
	The City Hall was blown down by high winds with damage to a church and a mobile home . Numerous trees and power lines were blown down on county roads. Damage to city hall was estimated at 35-40,000 dollars.								
6 SW Commerce	21	0430CST			0	0	4	0	Thunderstorm Winds (G63)
	At Humbolt (6 SW Commerce), roof damage occurred to the Community Center, and trees were blown down at a cemetery.								
Campbell	21	0430CST			0	0	3	0	Thunderstorm Winds
	Power lines were blown down.								
Hopkins County Sulphur Springs	21	0505CST			0	0	0	0	Thunderstorm Winds (G65)
Cumby	21	0510CST			0	0	0	0	Thunderstorm Winds (G70)
Camp County Pittsburg	21	0520CST			0	0	3	0	Thunderstorm Winds
	Power lines were blown down.								
Bowie County 4 N Maud	21	0630CST			0	0	3	0	Thunderstorm Winds
	Trees were blown down.								
Texarkana	21	0650CST			0	0	0	0	Flash Flooding
	Street and underpass flooding occurred from heavy rain.								
Cass County Hughes Springs	21	0700CST			0	0	0	0	Thunderstorm Winds
Avinger	21	0700CST			0	0	0	0	Thunderstorm Winds
1 SE Avinger	21	0700CST			0	0	3	0	Thunderstorm Winds
	Trees were blown down.								
Marion County 8 NE Jefferson	21	0705CST			0	0	3	0	Thunderstorm Winds
	Trees were blown down.								
5 N Jefferson	21	0705CST			0	0	0	0	Thunderstorm Winds (G52)
Kaufman County Terrell	21	0705CST			0	0	0	0	Flash Flooding
TEXAS, Northern Cont'd	Heavy rain resulted in street flooding.								
3 NW Crandall	21	1615CST			0	0	0	0	Hail (2.75)
1 E Seagoville	21	1618CST	Short	Narrow	0	0	0	0	Tornado (F0)
1 E Seagoville	21	1618CST	Short	Narrow	0	0	0	0	Tornado (F0)
	Two brief tornado touchdowns occurred.								
5 E Seagoville	21	1620CST			0	0	3	0	Thunderstorm Winds
	Trees and power lines were blown down.								
6 NW Kaufman	21	1650CST			0	0	0	0	Hail (2.50)
Kaufman	21	1730CST			0	0	3	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
A tree was blown down onto a house.									
Combine	21	1730CST			0	0	0	0	Hail (1.75)
Kemp	21	1730CST			0	0	0	0	Hail (1.75)
Kaufman County	21	1800CST			0	0	0	0	Flash Flooding
Several Farm-to-Market roads were flooded.									
Harrison County	21	0730CST			0	0	0	0	Hail (1.00)
2 W Karnack	21	1939CST			0	0	3	0	Thunderstorm Winds
1 N Harleton									
Power lines were blown down.									
Dallas County	21	0745CST			0	0	4	0	Flash Flooding
Garland									
Duck Creek went out of its banks and flooded some houses.									
21 Afternoon									
During the afternoon and early evening hours a series of severe thunderstorms developed over Dallas County and moved slowly eastward in a train echo pattern, producing torrential rain, large hail, damaging straight line winds, and at least three weak tornadoes.									
Coppell	21	1244CST			0	0	0	0	Hail (0.75)
Garland	21	1429CST			0	0	0	0	Hail (2.00)
Dallas	21	1456CST	Short	Narrow	0	0	0	0	Tornado (F0)
A brief tornado touchdown occurred just south of downtown Dallas near Interstate 35 between Highway 180 and Highway 342.									
SE Dallas	21	1535CST			0	0	0	0	Hail (1.75)
3 W Mesquite	21	1541CST			0	0	0	0	Hail (2.00)
1 N Lancaster	21	1550CST	Short	Narrow	0	0	0	0	Tornado (F0)
A brief tornado touchdown took shingles off a house and damaged trees.									
Mesquite	21	1608CST			0	0	0	0	Hail (2.00)
E Dallas County	21	1609CST			0	0	0	0	Flash Flooding
Many motorists had to be rescued from their cars due to high water.									
Seagoville	21	1610CST			0	0	0	0	Hail (2.75)
2 NE Lancaster	21	1612CST	Short	Narrow	0	0	0	0	Tornado (F0)
A brief tornado touchdown occurred.									
1 S Dallas	21	1627CST			0	0	0	0	Hail (0.75)
4 W Balch Springs	21	1700CST			1	0	0	0	Flash Flooding

TEXAS, Northern Cont'd

At Pleasant Grove (4 W Balch Springs), a woman was swept into a swollen creek and drowned as her car stalled while she was attempting to cross the creek. F350

Balch Springs	21	1700CST	Short	Narrow	0	0	0	0	Tornado (F0)
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A brief tornado touchdown was reported at the Hawn Freeway.

Balch Springs	21	1722CST			1	0	5	0	Flash Flooding
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Afternoon and early evening rainfall of 7 inches in one hour caused widespread flooding in town. An eleven-year-old boy drowned after being sucked into a drainage ditch while playing in water. Approximately 157 homes suffered flood damage estimated at 400,000 dollars. The police department had to be evacuated, and at 1730 CST the mayor declared a state of emergency. The Trinity River in Dallas reached 39 feet, 9 feet above flood stage. M110

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Denton County									
Denton County	21	0755CST			0	0	0	0	Flash Flooding
			Numerous urban and rural roads were closed due to high water.						
Collin County									
1 SE Plano	21	1245CST			0	0	0	0	Hail (0.75)
3 SE Plano	21	1333CST			0	0	0	0	Hail (0.75)
Johnson County									
Cleburne	21	1600CST			0	0	0	0	Hail (0.75)
3 NW Grandview	21	1605CST			0	0	0	0	Hail (1.75)
3 NW Grandview	21	1605CST			0	0	0	0	Thunderstorm Winds (G52)
3 NW Keene	21	1606CST			0	0	0	0	Hail (0.75)
Cleburne	21	1626CST			0	0	0	0	Hail (0.75)
Kaufman County									
5 W Kaufman	21	1615CST			0	0	0	0	Hail (2.50)
Combine	21	1730CST			0	0	0	0	Hail (1.75)
Somervell County									
2 N Nemo	21	1630CST			0	0	0	0	Hail (0.88)
Van Zandt County									
2 S Wills Point	21	1645CST			0	0	0	0	Hail (1.75)
Wise	21	1720CST			0	0	0	0	Hail (1.75)
Whitton	21	1738CST			0	0	0	0	Hail (1.75)
Henderson County									
Cedar Creek Lake	21	1700CST			0	0	0	0	Thunderstorm Winds (G61)
Cedar Creek Lake	21	1710CST			0	0	0	0	Hail (2.75)
Payne Springs	21	1730CST			0	0	0	0	Thunderstorm Winds (G61)
Athens	21	1753CST			0	0	0	0	Thunderstorm Winds (G52)
Athens	21	1900CST			0	0	0	0	Flash Flooding
			Several streets in town were closed by high water.						
Ellis County									
1 SW Maypearl	21	1725CST			0	0	0	0	Thunderstorm Winds (G52)
4 S Maypearl	21	1740CST			0	0	0	0	Hail (1.75)
Milford	21	1812CST			0	0	0	0	Hail (0.75)
Hill County									
2 N Itasca	21	1805CST			0	0	0	0	Hail (0.75)
Blum	21	1845CST			0	0	0	0	Hail (0.75)
Hillsboro	21	1900CST			0	0	0	0	Hail (1.75)
Navarro County									
Blooming Grove	21	1825CST			0	0	0	0	Hail (0.75)
Navarro County	21	1905CST			0	0	0	0	Flash Flooding
TEXAS, Northern Cont'd									
			FM 607 was closed due to high water.						
Smith County									
Lindale	21	1838CST			0	0	0	0	Hail (0.75)
Anderson County									
Cayuga	21	1934CST			0	0	3	0	Thunderstorm Winds (G52)
			Trees were blown down by high winds.						
Bethel	21	1938CST			0	0	3	0	Thunderstorm Winds (G52)
			Trees were blown down by high winds.						
Cherokee County									
Rusk	21	2045CST			0	0	2	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Two trees were blown down across a road.									
Nacogdoches County Nacogdoches	21	2110CST			0	0	3	0	Thunderstorm Winds
Numerous large trees were blown down.									
San Augustine County San Augustine	21	2200CST			0	0	3	0	Thunderstorm Winds
Large trees were blown down by high winds.									
3 S Broadus									
Large trees were blown down.									
Angelina County Huntington	21	2210CST			0	0	3	0	Thunderstorm Winds
Power lines were blown down by high winds.									
1 SE Lufkin	21	2210CST			0	0	3	0	Thunderstorm Winds
Trees were blown down.									
Palo Pinto County Palo Pinto Reservoir	24	1358CST			0	0	0	0	Hail (0.75)
San Saba County Cherokee	24	1600CST			0	0	0	0	Hail (0.75)
Taylor County Potosi	24	1730CST			0	0	0	0	Hail (1.00)
Coryell County Gatesville	24	1740CST			0	0	0	0	Thunderstorm Winds (G52)
Gatesville	24	1740CST			0	0	0	0	
McLennan County 8 NW Waco	24	1750CST			0	0	0	0	Hail (0.88)
3 NW Speegleville	24	1803CST			0	0	0	0	Hail (0.75)
McCulloch County Brady	24	2115CST			0	0	0	0	Hail (0.75)

TEXAS, Southeast

Jackson County Edna	08	0033CST	Short	Narrow	0	0	4	0	Tornado (F0)
A tornado in Edna damaged a lumberyard, some trees and a few homes. A tin roof from the lumberyard was found 1 mile from the original location. There were also reports of roof damage and poles through the windows at homes.									
Brazos County College Station	08	0132CST			0	0	3	0	Thunderstorm Winds (G56)
High winds associated with a bow echo moving through south central College Station produced damage near the SW Parkway between Anderson and Texas Streets. There were reports of numerous fences blown over, downed medium to large tree limbs and blown over gas station awnings and signs. There were also reports of damaged roofs and cars by the blowing debris.									

Austin County

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
Industry	08	0200CST			0	0	3 0	Thunderstorm Winds
A metal Barn near the town of Industry was destroyed by downburst winds around 2 am Saturday morning.								
Harris County Spring	08	0415CST			0	0	4 0	Thunderstorm Winds (G58)
A storm survey indicated 40 to 60 homes with damage - a large number of shingles blown off roofs, windows broken and trees downed.								
Fort Bend County	08	0400CST			0	0	3 0	Thunderstorm Winds
Nineteen utility poles were knocked down along a 1 mile stretch from Minonite Road (FM 2977) to Pleak Road and to FM 361.								
Montgomery County	16	1622CST	Short	Narrow	0	0	5 0	Tornado (F0)
A tornado was reported near Lake Conroe at the Seven Coves subdivision. It destroyed a home under construction and uprooted several large trees. Some residents did report hearing freight train like sounds as the storm passed through.								
Burleson County	16	1900CST-						
	17	1600CST			0	0	6 4	Flash Flooding
Brazos County	16	1900CST-						
	17	1600CST			0	0	6 4	Flash Flooding
Madison County	16	2230CST-						
	17	1000CST			0	0	5 4	Flash Flooding
Grimes County	16	2100CST-						
	18	1000CST			3	0	6 4	Flash Flooding
Montgomery County	16	2230CST-						
	18	1000CST			6	0	7 4	Flash Flood/Flood
Polk County	16	2230CST-						
	18	1000CST			2	0	6 4	Flash Flood/Flood
San Jacinto	16	2230CST-						
	18	1000CST			1	0	6 4	Flash Flood/Flood
Trinity County	16	2030CST-						
	17	2200CST			0	0	6 4	Flash Flooding
Washington County	16	2030CST-						
	18	0500CST			0	0	6 4	Flash Flooding
Houston County	16	2230CST-						
	17	0000CST			0	0	5 4	Flash Flooding
Walker County	16	2230CST-						
	18	1000CST			0	0	6 4	Flash Flooding
Austin County	17	0000CST-						
	18	1000CST			0	0	6 4	Flash Flood/Flood
TEXAS, Southeast Cont'd								
Waller County	17	0200CST-						
	18	1200CST			0	0	6 4	Flash Flood
Harris County	17	0300CST-						
	18	1200CST			3	0	7 3	Flash Flood/Flood
Liberty County	17	0600CST-						
	18	1200CST			0	0	7 4	Flash Flood/Flood
Chambers County	17	1300CST-						
	18	1200CST			1	0	5 4	Flash Flood/Flood
Brazoria County	17	1800CST-						
	18	1200CST			0	0	7 4	Flash Flood/Flood
Colorado County	18	0000CST-						
		1800CST			0	0	5 4	Flash Flood/Flood

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Jackson County	18	0400CST- 1800CST			0	0	6	4	Flash Flood/Flood
Fort Bend County	18	0500CST- 1800CST			1	0	7	4	Flash Flood/Flood
Galveston County	18	0600CST- 1200CST			0	0	5	0	Flash Flood/Flood
Wharton County	18	0600CST- 1800CST			0	0	6	4	Flash Flood/Flood
Matagorda County	18	1300CST- 1800CST			0	0	5	4	Flash Flood

Heavy rains began falling late Sunday afternoon across Burleson, Brazos, Grimes and Washington Counties. Rains quickly spread east across Madison, Houston, Walker, Trinity, San Jacinto, Polk and Montgomery Counties by midnight. Before sunrise the rains had spread south into Austin, Waller, Harris and Liberty Counties. Rainfall amounts overnight ranged from 10 to 18 inches in the above mentioned counties and most of these areas had experienced flash flooding during the night. During the night five lives were lost in the flash floods in three separate instances. During the day Monday the heavy rain began shifting further south across southern Harris and southern Liberty Counties. The city of Liberty ended up with slightly over 30 inches of rain during the storm for the greatest amount recorded. Most of this rain fell during the day Monday into Monday night and Tuesday morning. During the day Monday an additional seven people drowned in the flood bringing the two day total to 12 people. On Monday night and Tuesday rains continue to slide further south and began affecting people in Jackson, Wharton, Matagorda, Brazoria and portions of Fort Bend Counties. Over the next two days an additional 5 people died as a result of the floods. Total rainfall for the entire storm generally ranged from 10 to 20 inches with Liberty recording 30.50 inches of rain during the storm. Even before the flash flood producing rains had ended flooding of rivers, creeks and bayous had begun and would continue in some cases to the end of October. Major rivers that experienced flooding included the Trinity from just above Lake Livingston to the mouth of the Trinity River at Trinity Bay. Record height on Lake Livingston was recorded on October 17 which resulted in a record release from the dam of over 110,000 cfs. This record release in combination an additional inflow of 45,000 cfs from Long King Creek below the dam led to a record flood along the Trinity River below Lake Livingston. The Trinity River at Liberty set a new record crest on October 21 and when a levee system failed much of the city of Liberty was underwater. The San Jacinto River System across Montgomery County and northern Harris County was also at record heights during the flood. Lake Conroe reached a record height on the afternoon of October 17 which resulted in record releases from the lake and also resulted in record heights along the river all the way to Lake Houston. Spring Creek along the Harris/Montgomery County border reached a record height of 49.8 feet on October 18 breaking the previous record of 33.6 feet set in 1940. The excessive inflow into Lake Houston resulted in a record height at Lake Houston of 52.76 feet which is three feet higher than the previous record. The uncontrolled spillway at Lake Houston released an estimated 354,000 cfs into the lower San Jacinto River that eventually flows into the Houston Ship Channel. The tremendous flows caused four fuel pipelines to rupture resulting in a fuel spill in the river and subsequent fires. Further west the Colorado and Brazos Rivers were also in flood.

TEXAS, Southeast Cont'd

The floods on the Brazos lasted until October 27 in Brazoria County even though Brazoria County for the most part was spared the heavy rain the previous week. Even further west the Lavaca Navidad in Jackson County went into flood on Tuesday morning closing highway 59 in Edna. The river remained above flood stage til the end of the week. In Harris, northern Brazoria and northern Galveston Counties Sims Bayou and Clear Creek left their banks flooding several subdivisions and causing numerous evacuations. In summary 17 people lost their lives during the flood. Over 13,000 people had to be evacuated during the floods and over 22,000 homes received flood damage. Total damage to homes and business's was approximately 800 million dollars while another 100 million dollars damage was done to roads and bridges throughout southeast Texas. During the height of the flood several major highways leading into and out of Houston were impassable due to high water. These included Interstate 10 east of Houston, Highway 59 at Humble in northeast Harris County was underwater and Interstate 45 at Conroe in Montgomery County was also underwater.

Jackson County La Ward

18	0842CST	Short	Narrow	0	0	0	0	Tornado (F0)
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Trees were downed near La Ward.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Polk County	22	0201CST			0	0	0	0	Hail (1.00)
One inch hail was reported at a location 10 miles southwest of Livingston near the lake.									
Montgomery County Splendora	22	0350CST			0	0	0	0	Hail (0.75)
A severe thunderstorm in eastern Montgomery County produced 0.75-inch hail in Splendora.									
Montgomery County Cut-N-Shoot	22	0420CST			0	0	0	0	Hail (1.00)
A severe thunderstorm in eastern Montgomery County produced 1.00-inch hail in Cut-And-Shoot.									
Montgomery County New Caney	22	0430CST			0	0	0	0	Hail (1.75)
A severe thunderstorm in eastern Montgomery County produced 1.75-inch hail in New Caney.									
TEXAS, Southern									
Hays County	07	2000CST- 2300CST			0	0	0	5K	Flash Flood
General 3.00 to 4.00 inch rainfall produced brief flooding of low areas.									
Travis County	07	2000CST- 2300CST			0	0	50K	3K	Flash Flood
Scattered thunderstorms moved into the Austin area near 1800CST with heavy rain beginning near 2000CST and ending near 2400CST. General 2.00 to 3.00 inch rainfall was reported across Travis County, with widespread totals near 5.00 inches. The heaviest rain fell in northwestern Austin, along Bull Creek, where over 9.00 inches was observed. At times, rates were reported to exceed 3.00 inches and hour at times. Fifty high water rescues were carried out in the city of Austin. The flooding was most severe in the western part of the county, near Bull Creek. Roads in this area were flooded and heavily damaged. One home received flood damage along Bull Creek and two homes were flooded along Williamson Creek.									
Williamson County	07	2000CST- 2300CST			0	0	5K	0	Flash Flood
Heavy rainfall of between 3.00 and 4.00 inches produced brief flooding across the county. Minor damage was indicated to roads in the area.									
Bexar County	07	2245CST- 0200CST			0	0	10K	0	Flash Flood
TEXAS, Southern Cont'd									
Widespread 3.00 to 4.00 inch accumulations fell across Bexar County with isolated totals near 6.00 inches. Widespread flooding of low areas and low water crossings was reported. No flooding of homes took place. Nearly 100 rescue calls in San Antonio alone, with greatest flooding on the north and east sides of Bexar County.									
Victoria County Victoria	08	0245CST- 0311CST			0	0	?	?	Thunderstorm Wind (G50)
Victoria	08	0254CST			0	0	?	?	Thunderstorm Wind (G65)
Victoria	08	0311CST			0	0	?	?	Thunderstorm Wind (G65)
Victoria	08	0400CST			0	0	?	?	Thunderstorm Wind
A weather spotter with an anemometer measured a 50kt wind gust from a severe thunderstorm. Police in Victoria reported trees blown down with roof blown off hanger at Victoria Airport. Power poles were also reported to have been broken in half in Victoria.									
Jefferson County 2 SW Nederland	08	0627CST	2.0	50	0	0	?	?	Tornado (F1)
A small tornado was observed by National Weather Service personnel 2 miles southwest of the									

Storm Data and Unusual Weather Phenomena

October 1994

									October 1994
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Jefferson County Airport. It damaged several telephone poles as it moved to the northeast. It took a roof off a barn at Port Acres 4 miles southwest of the airport before dissipating.									
Hidalgo and Cameron Counties	08 09	1530CST- 0845CST			0	0	?	?	Flooding
Heavy rainfall produced local flooding of streets and low spots in the two counties.									
Hidalgo County S Portion	08	1600CST- 1800CST			0	0	7K	4K	Thunderstorm Wind
A thunderstorm produced a large swath of damaging winds from just south of McCook through the Alton, Mission, McAllen area to as far east as San Juan. Most damage was to mobile homes, and substandard houses, but schools and hospitals also received damage. Also there was extensive tree and power line damage.									
Karnes County 12 N Karnes City	16	1705CST	.1	30	0	0	2K	0	Tornado (F0)
Damage to a fence and some trees due to a tornado were reported by Sheriffs Department.									
Wilson County Near Kosciusko	16	1750CST	.1	30	0	0	0	0	Tornado (F0)
A small and short-lived tornado was observed by the Sheriffs Department.									
Southeast Texas and the Mid-Texas Coast	16- 18				?	?	?	?	Heavy Rainfall
Widespread heavy rainfall of between 7.00 and 20.00 inches fell across the five counties between the 16th and the 18th of October. This rain occurred in the wake of Pacific Hurricane Rosa that crossed into Mexico and through Texas earlier in the previous week. A deep plume of tropical moisture surged northward behind Rosa as it had slowed after entering the Mississippi Valley. A weak cold front moving southward into Texas had become stationary along the Texas Coast between the Victoria and Austin areas on October 15th. The combination of deep tropical moisture and great instability was translated into widespread and continual thunderstorm development along the quasi-stationary frontal boundary. Rainfall began falling first in Bastrop, Lee and Fayette Counties, spreading to the southeast after the 17th of October. Thunderstorms developing along the boundary continued to move northeastward for many hours, producing rainfall of generally 8.00 to 12.00 inches with isolated area of up to 20.00 inches. The following discussion summarizes some of the effects within the above mentioned counties.									
Bastrop County	16 18	1800CST- 0500CST			0	0	80K	20K	Flooding
Bastrop County averaged between 8 and 10 inches across the county, heaviest in the eastern part of the city. The city of Bastrop reported near 16 inches through the two days of heavy rain. Damage was generally to roads and bridges across the county, as well as low water crossings.									
TEXAS, Southern Cont'd									
Lee County	16 18	1800CST- 1700CST			0	0	100K	50K	Flooding
Lee County averaged from 10.00 to 12.00 inches across the county, with the cities of Lexington and Dime Box reporting near 15.00 inches. Considerable damage was reported to roads, bridges and low-water crossings across the county. Additional damage was indicated to the peanut crop over the county.									
Fayette County	16 18	2000CST 2300CST			0	0	100K	10K	Flooding
Widespread flooding of roads was indicated over Fayette County. LaGrange measured nearly 12.00 inches of rain, but the heaviest rain fell in the northeast part of the county where as much as 15.00 inches of rain was estimated to have fallen. A gain, some damage was reported to roads and bridges throughout the county.									
Bee County	17	0600CST- 0630CST			0	0	5K	0	Flooding

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Roads were closed briefly in the city of Beeville and throughout the county.									
Tyler, Jasper, Newton, Hardin, Jefferson, and Orange, Counties	17	0650CST-							
	18	1700CST			0	0	?	?	Flooding
Heavy rain began falling early on the morning of October 17th and continued through the evening of the 18th. In the first 4 hours of the event, general 4.00 to 6.00 inch rainfall occurred with isolated amounts near 10.00 inches. General flooding of roads and low areas developed across each of the counties as the result of the heavy rain. Cars were reported stalled on flooded roads. By mid-morning of the 17th, rainfall had continued across the area at rates near 1.00 inch per hour. Nearly all bayous, streams, and ditches were reported to be out of banks. By mid-afternoon of the 17th, the rainfall had continued across the area with most rivers approaching flood stage. Later in the evening, rainfall rates increased again, averaging nearly 2.00 inches per hour and continuing through much of the night. Rainfall began to diminish during the morning of the 18th, with water levels beginning to recede late that evening. During this event, the Neches River rose to a record level of 12.4 feet. Pine Island Bayou rose to a record flood level of 37.4 feet.									
DeWitt County	18	0500CST-							
	19	1700CST			0	0	100K	20K	Flooding
Between 8.00 and 10.00 inches of rain fell in a five hour period early on the morning of the 18th, closing most roads in the city, damaging homes and businesses and stranding vehicles. Because of the widespread nature of the flooding, there were not enough available barricades to go around. The heavy rain caused some roofs to cave in. Numerous high water rescues were performed. Water was reported 1 foot deep in the city library, with hundreds of books damaged. Damage to the structure and contents placed at around \$6,000. Water rose through the sewer system to flood parts of the Hunt Elementary school. Several homes were flooded throughout the county as well as the city of Cuero. Over \$14,000 of damage was done to streets.									
Lavaca County	18	0500CST-							
	19	1700CST			1	0	100K	20K	Flooding
Rainfall varied between 12.00 and 15.00 inches over the county generally, with the highest amounts in the southeast part of the county. The maximum rainfall was estimated at nearly 20.00 inches in extreme southeast Lavaca County. One death was reported in Lavaca as the result of the flooding. A 22-year old woman from Yoakum drowned when the vehicle she was driving along US 77 south of Hallettsville was washed off the road into Brushy Creek. Widespread damage was indicated to roads in the southern part of the county. The Lavaca River remained below flood stage although it did exceed bankfull stage. No flooding of homes was indicated.									
Victoria County	18	0500CST-							
	19	1700CST			0	0	?	?	Flooding
Between 14.00 and 16.00 inches of rain fell across Victoria county, mainly on the 18th, producing widespread flooding and closing a large number of roads throughout the county. Numerous homes were surrounded and a few flooded by the Guadalupe river early on the morning of the 19th. Damage was widespread to roads throughout the county.									
TEXAS, Southern Cont'd									
Victoria County 2 S Placedo	18	0831CST	.3	50	0	0	?	?	Tornado (F0)
	The small and short-lived was first observed by personnel from the Texas Highway Department at 0831CST and later by the Sheriffs Department at 0835CST. The tornado was moving toward the north.								
Jim Wells County	18	1930CST- 2300CST			0	0	?	?	Flooding
	Roads were reported closed and under water across the county.								
Jim Wells County Alice	18	2115CST			0	0	?	?	Thunderstorm Wind (G50)
	Wind gusts to 50 knots were observed at the weather station in Alice.								
Hardin County 12 NW Kountze	22	0303CST			0	0	?	?	Hail (3.00)

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

A severe thunderstorm produced 3.00-inch diameter hail in northwestern Hardin County.

Llano County Tow

24 1625CST 0 0 0 3K Hail (0.88)

A spotter reported hail ranging from 0.75 to 0.88 inches in diameter in Tow.

Burnet County Lake Victor

24 2110CST 0 0 3K 0 Thunderstorm Wind

Large trees were reported to have been uprooted by damaging winds from thunderstorms.

TEXAS, Western

Pecos County 2 SE Sheffield

18 0350CST 0 0 2 0 Hail (0.75)

The Pecos County Sheriff's Office reported dime-size hail.

Nolan County Sweetwater

20 1455CST 0 0 4 0 TSTMW

Stonewall County 1 SW Aspermont

20 1630CST 0 0 0 0 Hail (2.75)

Dickens County Dickens

20 1940CST 0 0 3 0 Hail (1.75)

Cottle County 13 NW Paducah

20 2245CST 0 0 0 0 Hail (1.00)

Sweetwater Police reported thunderstorm winds blew out a few windows, damaged a roof and blew a portable building onto a road. The Stonewall County Sheriff's Office reported large hail just south of Aspermont. The Dickens County Sheriff's Office reported golfball-size hail in Dickens. Quarter-size hail was reported by the public at Cee Vee in Northwest Cottle County.

Martin County

4 WSW Stanton

24 1708CST 0 0 0 5 Hail (0.75)

Midland County

7 ENE Midland

24 1715CST 0 0 0 0 Hail (0.75)

Glasscock County

12 SSW Garden City

24 1730CST 0 0 0 4 Hail (1.00)

2 W Garden City

24 1830CST 0 0 2 0 Hail (0.88)

Midland County

10 E 18S MAF

24 2030CST 0 0 0 0 Hail (0.75)

Glasscock County

16 SSE Garden City

24 2045CST 0 0 0 3 Hail (1.75)

TEXAS, Western Cont'd

A former NWS employee reported dime-size hail on Interstate 20 near Stanton, where damage was reported in nearby cotton fields. A former NWS employee reported dime-size hail on Interstate 20 east of Midland at 1715 CST. A farmer reported extensive damage to crops from quarter-size hail southwest of Garden City. An NWS rainfall observer reported dime-size hail on FM 3095, 6 miles north of the Midland County line. A SKYWARN spotter reported golfball-size hail 4 miles east of the intersection of Highway 137 and FM 2401 southeast of Garden City at 2045 CST.

Reagan County 5 N Stiles

24 2123CST 0 0 0 0 Hail (1.75)

The Reagan County Sheriff's Office reported golfball-size hail 5 miles north of Stiles.

UTAH

Uintah County 11 NW Vernal

02 2152MST 0 0 0 0 Hail (0.75)

A thunderstorm dropped 0.75-inch diameter hail at Ashley Creek. Larger hail was observed but not measured.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property Crops	Character of Storm
Salt Lake County								
Salt Lake City	05	0444MST			0	0	5 0	Hail (0.75)
	A cold upper level trough moved across northern Utah this day. The first of two severe thunderstorms moved northward through the Salt Lake Valley dropping 0.75-inch hail at the NWSFO Salt Lake, and surrounding area. The same storm dropped 1.00-inch diameter hail about 1 mile north at the FAA ARTCC at approximately 5:00MST. The McDonnell Douglas plant (approximately 1 mile north of the NWSFO) sustained roof damage estimated at \$250,000. Hail dents in this roof were estimated at 5 to 10 per square foot.							
Cottonwood Hts	05	0638MST			0	0	6 0	Hail (1.00)
	The second severe thunderstorm moved north along the Wasatch Front. One-inch diameter hail was measured in Cottonwood Heights, and 12 miles south of Salt Lake City. The Cottonwood Heights Mall sustained roof damage estimated at \$1.3 million. Hail depth was 8 to 10 inches deep the Cottonwoods Heights area with extensive tree damage.							
Tail County								
Dugway	05	1115MST			0	0	0 0	Funnel Cloud
	Weather staff members at Dugway Proving Ground reported a funnel cloud 5 to 8 miles east of the base. Hail 0.25-inch was also observed with this storm.							
Davis County								
Layton	05	1700MST			0	0	0 0	Funnel Cloud
	A weather spotter reported a short lived funnel cloud north of Layton.							
UT-003-010-011	14	1430MST-						
	17	0000MST			0	0	0 0	Heavy Snow
	A moist and cold winter storm moved over Utah the night of the 14th. By mid afternoon on the 15th, Alta had received 12 inches of snow. In the southern mountains 8 inches had fallen by 12:45 MST at Cedar Mountain, and the Brain Head ski area measured 20 inches during the daylight hours. Other valleys snow totals: 8 inches in Kanosh, 6 to 10 " in Tail, 6" in Fillmore. On the 16th Fillmore measured a fresh 6", 9" new in Kanosh, and 12 to 16" on the ground in Salina Canyon. On the 17th, snow continued to fall at the highest elevations, with storm totals of 32 inches on top of the Snowbird tram.							
VERMONT	None reported.							
VIRGINIA	None reported.							
WASHINGTON								
Grays Harbor County	26	1100			0	0	? 0	High Wind
	A strong storm moved along the Washington Coast bringing wind gusts to 73 mph at Willapa Bay, causing numerous power outages in Western Washington.							
Grant County	26	1500			0	0	0 0	High Wind
	Wind gusts to 76 mph were recorded at Priest Rapids Dam, causing power outages in the area.							
Snohomish County	27	1704			0	0	0 0	Funnel Cloud
	A funnel cloud was reported west of Paine Field, near Everett.							
Pacific County	31	0500			0	0	0 0	High Wind
	Wind gusts to 50 mph were recorded at Raymond.							
WEST VIRGINIA, Eastern	None reported.							
WEST VIRGINIA								

Storm Data and Unusual Weather Phenomena

October 1994

October 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
WVZALL	01-31				0	0	0	0	Dry Pattern
Several communities had only around a 0.50 inch of rain for the entire month. It was the 4th driest October this century at Elkins.									
WISCONSIN									
Washington County West Bend	22	1725CST			0	0	0	0	Funnel Cloud
A funnel cloud was observed near West Bend.									
WYOMING									
WYZ002	02-03	2200MST-0800MST			0	0	0	0	Heavy Snow
The mountains above Cody reported 4 to 8 inches of snow overnight.									
WYZ015	03	0000MST-2300MST			0	0	0	0	Heavy Snow
A record 12.8 inches of snow fell in Casper.									
WYZ011-012-013	03	0000MST-2200MST			0	0	0	0	Heavy Snow
The east slope of the Wind River mountains onto the adjacent plains received 6 to 12 inches of heavy wet snow. Numerous tree limbs crashed to the ground from the weight of the heavy snow.									
WYZ007	03	0000MST-1200MST			0	0	0	0	Heavy Snow
The Jackson Valley received 3 to 7 inches of snow. This storm was the second biggest snow ever for so early in October.									
WYZ050	06	0000MST-2300MST			0	0	0	0	Heavy Snow
The northern Big Horn mountains were hit with 10 to 15 inches of snow.									
WYZ066	06	1000MST			0	0	0	0	High Wind (G58)
Buford reported a gust of 65 mph around 10 am mst.									
WYOMING Cont'd									
WYZ066	15-16	0000MST-1800MST			0	0	0	0	Heavy Snow
The Laramie Range received 6 to 10 inches of snow during the period.									
WYZ050-052	16-17	0000MST-2200MST			0	0	0	0	Heavy Snow
Heavy snow pounded the Big Horn mountains during a 2-day period. Snow amounts of 18 to 24 inches were common. Dozens of hunters were stranded in the back country.									
WYZ011	16	0000MST-2000MST			0	0	0	0	Heavy Snow
More heavy snow hit the Wind River mountains and foothills. Six to 12 inches were common from 30 miles south of Lander to Atlantic City. Unofficial reports of 4.5 feet came in from the higher mountains.									
WYZ015	22	0520MST			0	0	0	0	High Wind (G58)
Downtown Casper was hit with a 66 mph wind gust during the early morning hours.									
WYZ066	22	0610MST			0	0	0	0	High Wind (G55)

Storm Data and Unusual Weather Phenomena

October 1994

							October 1994
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm

Buford recorded a peak wind of 62 mph just after 6 am MST.

WYZ067	27	2052MST- 2100MST	0	0	0	0	High Wind (G69)
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The Laramie River Power Plant 4 miles north of Wheatland reported winds of 62 mph with gusts to 74 mph. Bardeaux in the same general area reported gusts to near 80 mph.

WYZ062	27	2100MST	0	0	0	0	High Wind (G55)
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Arlington...along interstate 80...reported winds of 63 mph late in the evening.

WYZ067	28	1100MST- 1200MST	0	0	0	0	High Wind (G65)
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Bardeaux reported several gusts to 75 mph.

WYZ061	31	1225MST- 1530MST	0	0	0	0	High Wind (G60)
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Strong winds between 50 and nearly 70 mph blew for 3 hours in and around Rawlins.

ALASKA, Northern

AKZ007	01	1300ADT	?	?	?	?	High Wind
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Large storm near Dut moving northward. Front moving northward north of low. Winds exceeded warning criteria at Big Delta and along the Tanana River.

AKZ024, AKZ005	05	1430ADT	?	?	?	?	High Wind
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Deepening low over Aleutians moving northward. High winds criteria exceeded. High surf and some beach erosion reported. No damage reports.

AKZ007, AKZ003	16	1500AST	?	?	?	?	Heavy Snow
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Strong low northern gulf of Alaska with overrunning from southeast.

AKZ024	30	1930AST	?	?	?	?	High Wind
AKZ001, AKZ005	30	0650AST	?	?	?	?	Blizzard

ALASKA, Southern

**Aleutians, Ak Peninsula
Kodiak Island, Nrn Gulf of Ak
Anch. hillside 01-**

01-						
02-	0	0	?	?	High wind	

An intense 952mb low 240 miles south southwest of Dutch Harbor began to weaken at 4pm Saturday (10/1), then moved to 210 miles south southwest of Cold Bay at 4pm Sunday (10/2) and weakened to 971mbs. Storm winds of 55+ mph were observed between Adak and Dutch Harbor and over open water areas of the eastern Aleutians early Saturday and locally around Kodiak Island and across the central Aleutians Saturday afternoon. On Saturday, winds reached 71 mph at Dutch Harbor, 62 mph at Cold Bay, 52 mph at Saint Paul Island, 50 mph at Port Heiden, 53 mph at King Salmon, 58 mph at Port Alsworth, 55 mph at Iliamna, and 61 mph at Sitkinak. On Sunday winds reached 67 mph at Middleton Island and 51 mph at Seal Island. The Anchorage hillside reported peak winds of 56 mph on Sunday.

Ak Peninsula, Aleutians
Anch. hillside **04-06**

0	0	?	?	High Wind Heavy snow
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A moderate 990mb low moved out of the Pacific to 120 miles north of Dutch Harbor at 4pm Tuesday (10/4) then to 120 miles north northwest of King Salmon at 4pm Wednesday (10/5). On Tuesday, winds from 38 to 54 mph were reported over open water areas adjacent to the central and western

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

Aleutians. On Wednesday, winds reached 73 mph at Adak, 52 mph at Cold Bay and 54 mph at Port Heiden. On Thursday (10/6) winds reached 46 mph at Mekoryuk (on Nunivak Island). On Tuesday, the Anchorage hillside received 6 inches of snow...winds gusted up to 50 mph there on Wednesday.

Kodiak Is. Northern Glf Ak

14-17 **0 0 ? ? High wind**

At 4pm Friday (10/14) a 977mb low was located about 600 miles south of Cold Bay. The low moved to 150 miles south southeast of Kodiak as a 976mb low 4pm Saturday (10/15) and to 90 miles southeast of Middleton Island weakening 4pm Sunday (10/16) to 991mbs by 4am Monday (10/17). Winds reached 56 mph at Kodiak on Sunday. Winds at Sitkinak reached 62 mph on Saturday and 61 mph on Sunday. Ahead of the low, winds reached 60 mph at Middleton Island on Saturday and 64 mph early Monday.

Aleutians Kodiak Island

17-22 **0 0 ? ? High wind**

A 969mb low moved to 90 miles southeast of the Komandorskiye Islands at 4pm Monday (10/17) then east southeast into the northeast Gulf of Alaska weakening to 990mbs Thursday (10/20). Winds associated with this system reached 50 mph at Adak on Tuesday (10/18), 68 mph at Sitkinak on Thursday (10/20) and 48 mph at Kodiak early Friday (10/22).

Seal Island (P. William Snd)

24 **0 0 ? ? High wind**

A moderate low near Middleton Island split, part moved northwest by Anchorage and the other into the Barren Island area (between the Kenai Peninsula and Kodiak Island), dissipating by Tuesday morning (10/25). Winds reached 61 mph at Seal Island on Monday (10/24).

Aleutians Southwest Ak Cst

30-31 **0 0 ? ? High wind**

A moderate low moved northeast through the Bering Sea. On Sunday (10/30) and Monday (10/31) highest winds recorded were...

Place	Sunday	Monday
Shemya	63 mph	
Adak		61 mph
Bethel		46 mph
Cape Romanzof		51 mph

ALASKA, Southeastern

None reported.

HAWAII

Kauai HIZ001

3 1300HST **0 0 4 0 Flash Flooding**

An unstable airmass associated with moist southerly flow, known locally as Kona winds, aided the formation of a line of heavy showers and thunderstorms. Areas flooded included Waimea Valley, Kalaheo, and Omao. Flood waters caused \$10,000 damage to an art business in Waimea. Civil defense assisted with the evacuation of a few homes.

Oahu HIZ002

3 1730HST **0 0 3 0 Heavy Rain**

A line of heavy showers and thunderstorms developed during the late afternoon hours with the most numerous showers over central parts of the island. Many reports of heavy rainfall and lightning came from Mililani, Pearl City, Waipio, and Wahiawa. Two homes in Wahiawa had minor flooding.

PACIFIC

None reported.

PUERTO RICO

PRZ02-

03 0752AST **0 0 0 0 Waterspout**

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
A waterpout was reported by aircraft 5 miles west of Vieques.								
PRZ003-004	08	1320AST			0	0	0	0
PRZ005-	08	1450AST			0	0	0	0
A thunderstorm located north of Ponce which extended westward to Mayaguez produced small hail at San German. Strong gusty winds, hail were also reported at Maricao.								
Caguas	08	1505AST			0	0	1	0
								Thunderstorm Winds
Downed bamboo trees were reported at Barrio Bairoa, road 739, Km 3.0.								
San German	08	1505AST			0	0	0	0
								Urban Flood
Minor flooding was reported in poorly drained areas.								
Trujillo Alto	09	PM			0	0	1	0
								Flash Flood Landslides
Upper level low pressure system produced 1.48 inches of rain in the afternoon at Rio Piedras, road 175 Km 11.0 was underwater. Landslides were reported at roads 181 and 182.								
PRZ004	13	1730AST			0	0	1	0
								Urban Small Stream Flood Landslides
Showers and a few thunderstorms across western Puerto Rico dumped 2.25 inches of rain in on e hour. Mudslides were reported along roads 357 and 105 at Maricao.								
Ceiba	14	1600AST			0	0	0	0
								Funnel Cloud
Roosevelt Roads Naval Station observatory reported an unconfirmed funnel cloud near their site , movement was unknown.								
Carolina	15	1400AST-			0	0	0	0
	16	1200AST						Extreme Heat
Southerly winds drove the afternoon high temperature to 95 on the 15th tying the record set in 1981. On the 16th a new record high of 94 was set breaking the record of 92 set in 1963. Measurements taken at the NWS observatory at the LMM International Airport.								
Gurabo	18	0230AST			0	0	0	0
								Hail
PUERTO RICO Cont'd								
A resident of Gurabo called the NWS Weather Forecast Office at Carolina at 1000AST to report hail during the early morning.								
Canovanas	18	0600AST			0	0	2	0
	18	0805AST			0	0	1	0
								Thunderstorm Winds Urban Flood
A tree fell on road 962 at Barrio Cambalache, also power and phone lines were reported to be hanging. Some street flooding in low lying areas was reported.								
Loiza	18	0700AST-						
	20	0900AST			0	0	3	0
								Coastal Flood
Heavy surf and high seas produced flooding due to waves running up the beach and across road 187 at Vacia Talega. The road was closed at the Terrace Place during the mornings mainly at high tide. Northerly swells between 6-7 foot were estimated.								
Naguabo	20	0650AST			0	0	1	0
								Flash Flood
Road 31 was reported impassable at the Santa Fe sector Km 9.1 due to heavy rains in that area and the nearby river Rio Blanco.								
Guayama	22	1118AST			0	0	2	0
								River Flood
River gates were opened causing low lying areas to be flooded.								
Moca	22	PM			0	0	2	0
								Flash Flood

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Landslide									
									A landslide was reported along the old road leading from Moca to Isabela at intersection 112. The road was also reported to be impassable.
Trujillo Alto	24	1215AST			0	0	1	0	Heavy Rains
									Carraizo's water reservoir gate number six was opened > six meters due to increasing water levels.
Cabo Rojo	25	0830AST			0	0	1	0	Flash Flood
									Road 301 at El Cano sector was reported flooded.
VIRGIN ISLANDS									
PRZ006-007	05	1140AST	?	?	0	0	0	0	Waterspout
									A waterspout was reported by aircraft 12 miles northwest of St. Croix airport moving northeast at 10 mph.
PRZ006-007	14	1340AST	?	?	0	0	0	0	Waterspout
									A waterspout was reported by a pilot 25 miles west of St. Croix in the U.S. Virgin Islands moving toward the west. It was associated to a thunderstorm.
PRZ006-007	14	1805AST	?	?	0	0	0	0	Waterspout
									A waterspout was reported by a pilot 15 miles north of St. Thomas in the U.S. Virgin Islands . Movement was unknown.
PRZ006-007	28	1415AST	?	?	0	0	0	0	Waterspout
									A waterspout was reported by a sailboat around 6 miles west of St. Croix, movement was unknown.

Storm Data and Unusual Weather Phenomena

October 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

LATE REPORTS

HAWAII

MARCH 1994

Hawaii
HIZALL

14-
17

0 0 5 3 Winds

Strong gusty trade winds affect the entire state as a strong high pressure system persists north of the islands. Winds gusted to 65 mph toppling trees and powerlines. Minor roof damage reported on Oahu, Maui, and the Big Island. Gusts to 90 mph occurred in the Leeward Kohala area of the Big Island, and to 80 mph at the summit of Haleakala on Maui. Minor crop damage on the Big Island.

Maui HIZ003

23-
25

2 0 5 0 Flash Flooding

Heavy rains with 8 to 15 inch totals in 24 hours caused localized flash flooding, including the Olinda/Makawao, Haiku, Kaupakalua, and Paia areas of East Maui, and the Upper-Lahaina, Kahana/Napili, Iao Valley, and Waikapu areas of West Maui. Two people (31,F) (4,M) were presumed drowned when they were swept away from their vehicle attempting to cross Kauaula Stream in the Puamana area of Lahaina at about 2130 on the 24th. Several mudslides closed the Hana Highway from Kailua to Hana. A few homes were damaged by floodwaters near Makawao.

Oahu HIZ002

23-
25

0 0 5 0 Flash Flooding

Steady rains produced up to 20 inches in mountainous areas from Manoa across the Koolaus to Maunawili. Roads blocked by high water from many overflowing streams in Honolulu. Mudslides blocked parts of Pali Highway on windward side.

Hawaii Island HIZ004 23-
25

0 0 4 ? Flash Flooding

Isolated thunderstorms produced heavy showers and runoff. Water depth to three feet forced the closing of the Saddle Road. Several streets and roads were blocked by runoff in Hilo. Six to twelve inches occurred over a broad area upslope of Hilo and the Hamakua Coast. A foot of snow closed the road near the summit of Mauna Kea.

Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
October 1994									

CORRECTIONS

NEW MEXICO JULY 1994

The three deaths recorded due to wildfires on July 1 through July 26 needs to be changed to zero .
The deaths were determined to be indirect deaths.